WELLESLEY COLLEGE BULLETIN

See page 125 for important notice regarding changes in expenses.

CALENDAR
1925 - 1926

WELLESLEY, MASSACHUSETTS
NOVEMBER, 1925

Series 14 Number 8

WELLESLEY COLLEGE

CALENDAR

1925-1926

INSURANCE PRESS, INC.
74 INDIA STREET
BOSTON, MASS.

CORRESPONDENCE

All inquiries regarding admission should be addressed to the Secretary to the Board of Admission.

As Director of the Bureau of Occupations, Associate Professor Wood is prepared to furnish information in regard to the qualifications and experience of former members of the College who have registered with the Bureau as candidates for teaching or other vocations. All former students of the College may, by registering, have the aid of the Bureau of Occupations in securing positions.

Inquiries for general information should be addressed to Miss Mary Caswell, Secretary to the President.

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1925

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CALENDAR

Academic Year 1925-1926

Examinations . . . . . September 21-25, 1925

Academic Year begins . . . . . Monday, September 28

Holiday, Thanksgiving Day, ... November 26

Recess from 12:30 p.m. Thursday, December 17, 1925, until 12:30 p.m. Wednesday, January 6, 1926.

Registration closes for all students at 12:30 p.m. Wednesday, January 6

Second Semester begins . . . . . Monday, February 8

Holiday, Washington's Birthday, ... February 22

Recess from 12:30 p.m. Friday, March 26, until 12:30 p.m. Tuesday, April 6.

Registration closes for all students at 12:30 p.m. . . Tuesday, April 6

Holiday, Memorial Day . . . . . Monday, May 31

Holiday, Tree Day . . . . . June 5

Commencement . . . . . Tuesday, June 22

Academic Year 1926-1927

Examinations . . . . . September 20-24, 1926

Registration closes for new students at 10 p.m. . Monday, September 20

Registration closes for all other students at 10 p.m. . . . . Friday, September 24

Halls of Residence open for new students at 9 a.m. . . . . Monday, September 20

Halls of Residence open for all other students at 2 p.m. Thursday, September 23

Academic Year begins . . . . . Monday, September 27

Holiday, Thanksgiving Day, ... November 25

Recess from 12:30 p.m. Thursday, December 16, 1926 until 12:30 p.m. Wednesday, January 5, 1927.

Registration closes for all students at 12:30 p.m. . Wednesday, January 5

Second semester begins . . . . . Monday, February 14

Holiday, Washington's Birthday . . . . . February 22

Recess from 12:30 p.m. Friday, March 25 to 12:30 p.m. Tuesday, April 5.

Registration closes for all students at 12:30 p.m. . Tuesday, April 5

Holiday, Memorial Day . . . . . May 30

Holiday, Tree Day . . . . . June 4

Commencement . . . . . Tuesday, June 21

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President of Wellesley College
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Treasurer of Wellesley College

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VIDA DUTTON SCUDDER, M.A., L.H.D., *Professor of English Literature.*

[1]The officers of instruction are arranged in three groups; the first group includes professors, associate professors and assistant professors, the second instructors, and the third other officers.

[2]Absent on Sabbatical leave.

[3]Absent on Sabbatical leave for the first semester.

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ALICE VINTON WAITE[8], M.A., *Professor of English Language and Literature.* DEAN.
CLARENCE GRANT HAMILTON, M.A., *Professor of Music.*
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MARTHA HALE SHACKFORD, PH.D., *Professor of English Literature.*
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JULIA SWIFT ORVIS, PH.D., *Professor of History.*
NATALIE WIPPLINGER, PH.D., *Professor of German.*
GRACE EVANGELINE DAVIS, M.A., *Associate Professor of Physics.*
ROXANA HAYWARD VIVIAN[3], PH.D., *Professor of Mathematics.*
CHARLES LOWELL YOUNG, B.A., *Associate Professor of English Literature.*
EDNA VIRGINIA MOFFETT[5], PH.D., *Associate Professor of History.*
MARTHA PIKE CONANT, PH.D., *Associate Professor of English Literature.*
AGNES FRANCES PERKINS, M.A., *Associate Professor of Rhetoric and Composition.*
MABEL ELISABETH HODDER, PH.D., *Professor of History.*
LAETITIA MORRIS SNOW, PH.D., *Associate Professor of Botany.*
WILLIAM SKARSTROM, M.D., *Professor of Hygiene and Physical Education.*
JOSEPHINE HARDING BATCHELDER, M.A., *Associate Professor of Rhetoric and Composition.*
CLARA ELIZA SMITH, PH.D., *Professor of Mathematics.*
EUGENE CLARENCE HOWE, PH.D., *Professor of Hygiene and Physical Education.*
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JULIA ELEANOR MOODY, PH.D., *Professor of Zoology.*
ALICE IDA PERRY WOOD, PH.D., *Associate Professor of English Literature.*
MARY CAMPBELL BLISS, PH.D., *Associate Professor of Botany.*
ALICE HUNTINGTON BUSHEE, M.A., *Professor of Spanish.*
EDWARD ELY CURTIS, PH.D., *Associate Professor of History.*
ELIZABETH WHEELER MANWARING, PH.D., *Associate Professor of Rhetoric and Composition.*

[3]Absent on leave.
[5]Absent on leave for the second semester.
[8]Absent on Sabbatical leave for the first semester.
[9]Absent on Sabbatical leave for the second semester.

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MURIEL STREIBERT CURTIS, B.A., B.D., *Assistant Professor of Biblical History.*
ALFRED DWIGHT SHEFFIELD[3], M.A., *Associate Professor of Rhetoric and Composition.*
LAURA HIBBARD LOOMIS, PH.D., *Associate Professor of English Literature.*
MARY JEAN LANIER, PH.D., *Associate Professor of Geology and Geography.*
OLIVE DUTCHER, M.A., B.D., *Associate Professor of Biblical History.*
FRANCES LOWATER, PH.D., *Associate Professor of Physics.*
MABEL MINERVA YOUNG, PH.D., *Associate Professor of Mathematics.*
ALICE MARIA OTTLEY[4], PH.D., *Associate Professor of Botany and Curator of Herbarium.*
MYRTILLA AVERY[3], B.L.S., M.A., *Associate Professor of Art.*
JANE ISABEL NEWELL[5], PH.D., *Professor of Economics and Sociology.*
HOWARD EDWARD PULLING, PH.D., *Professor of Botany.*
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SEAL THOMPSON, M.A., *Assistant Professor of Biblical History.*
JUDITH BLOW WILLIAMS, PH.D., *Assistant Professor of History.*
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MARY AMERMAN GRIGGS, PH.D., *Associate Professor of Chemistry.*
MABEL LOUISE CUMMINGS, B.S., *Professor of Hygiene and Physical Education and Director of the Department.*
EDITH MARGARET SMAILL, *Assistant Professor of Reading and Speaking.*
HELEN ISABEL DAVIS, B.A., *Assistant Professor of Horticulture and Landscape Gardening and Associate Director of Botanical Greenhouses and Gardens.*
MARGARET TERRELL PARKER, M.A., *Assistant Professor of Geology and Geography.*
HENRY RAYMOND MUSSEY, PH.D., *Professor of Economics.*

[3]Absent on leave.
[4]Absent on leave for the first semester.
[5]Absent on Sabbatical leave for the second semester.

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MARY LOUISE SAWYER, PH.D., *Assistant Professor of Botany.*
BERTHA MONICA STEARNS, M.A., *Assistant Professor of Rhetoric and Composition.*
RUTH ELVIRA CLARK, LITT.D., *Assistant Professor of French.*
RUTH JOHNSTIN[3], M.A., *Associate Professor of Chemistry.*
MARGUERITE MESPOULET, *Agrégée de l'Université, Associate Professor of French.*
HENRIETTE ANDRIEU, *Agrégée de l'Université, Associate Professor of French.*
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HELEN DARBISHIRE, M.A., *Visiting Professor of English Literature.*
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DOROTHY WARNER DENNIS, B.A., DIPL. E.U., *Instructor in French.*
HELEN STILLWELL THOMAS, M.A., *Instructor in Botany and Curator of the Museum.*
MARION ELIZABETH STARK, M.A., *Instructor in Mathematics.*
CARL WEBSTER, *Instructor in Violoncello.*
HILDA LYDIA BEGEMAN, M.A., *Instructor in Physics.*
GLADYS KATHRYN MCCOSH, M.S., *Instructor in Zoology.*
CHARLOTTE GENEVIEVE MACEWAN, B.S., *Instructor in Hygiene and Physical Education.*
EDITH BULLARD, *Instructor in Vocal Music.*
MOSES BAILEY, M.A., S.T.M., *Instructor in Biblical History.*
RENÉE JARDIN, LIC. ÈS LET., LIC. EN D., *Instructor in French.*
MARJORIE LOUISE HENRY, M.A., *Instructor in French.*
ALFRED HENRY MEYER, MUS.B., B. A., *Instructor in Organ.*
JANET AGNES WILLIAMSON, M.A., *Instructor in Zoology.*

[3]Absent on leave.
[4]Absent on leave for the first semester.
[6]Appointed for the first semester only.

EDITH CHRISTINA JOHNSON, M.A., *Instructor in Rhetoric and Composition, and Publicity Director.*
DAVIDSON RANKIN MCBRIDE, B.A., *Instructor in Economics and Sociology.*
EDITH WINIFRED MOSES, M.A., *Instructor in Reading and Speaking.*
LAWRENCE SMITH, M.A., *Instructor in Economics.*
RUTH AIKMAN DAMON, M.A., *Instructor in Reading and Speaking.*
DOROTHY LOUD BROWN, B.A., *Instructor in Rhetoric and Composition.*
FANNY GARRISON, B.A., *Instructor in Hygiene and Physical Education.*
ELIZABETH MACNAUGHTON, M.D., *Instructor in Zoology.*
ELIZABETH LOIS MANN, M.A., *Instructor in Rhetoric and Composition.*
ETHEL LOUISE ANDERTON, PH.D., *Instructor in Mathematics.*
WALDO EMERSON PALMER, B.A., *Instructor in History.*
WALTER BUCKINGHAM SMITH, M.A., *Instructor in Economics.*
HELEN MARY THOMPSON, *Instructor in Hygiene and Physical Education.*
MARJORIE BOYD, B.S., *Instructor in Physiology.*
LUCIENNE FOUBERT CHAMBERLIN, C.S. *(partie française) Instructor in French.*
ANITA ELISABETH KLEIN, M.A., *Instructor in Greek and Latin.*
KENNETH KNIGHT LANDES, PH.D., *Instructor in Geology and Geography.*
FRANÇOISE RUET, LIC. ÈS LET., M.A. *Instructor in French.*
ADELE VACCHELLI, B.A., *Instructor in Italian.*
MARION FREEMAN LEWIS, B.A., *Instructor in Zoology.*
MARY FISHER DEKRUIF, M.D., *Instructor in Hygiene and Physical Education and Assistant Physician.*
JOSEPHINE LANGWORTHY RATHBONE, M.A., *Instructor in Hygiene and Physical Education.*
VIVIAN COLLINS WALKER, M.A., *Instructor in Hygiene and Physical Education.*
ELEANOR CLIFTON, M.A., *Instructor in Hygiene and Physical Education.*
HELEN JOY SLEEPER, M.A., MUS.B., *Instructor in Musical Theory.*
JEAN EVELYN WILDER, B.A., *Instructor in Pianoforte.*
ALICE HALL ARMSTRONG, M.A., *Instructor in Physics.*
HELEN BROWN AVERY, M.A., *Instructor in Zoology.*
RUTH ELIZABETH HILLYAR, M.A., *Instructor in Rhetoric and Composition.*
EMILY MARY BARTLETT, PH.D., *Instructor in Botany.*
BEULAH PEARL ENNIS, PH.D., *Instructor in Botany.*
MARJORIE CLAIRE WARREN[1], B.A., *Instructor in Sociology.*
HELEN DRUSILLA LOCKWOOD, M.A., *Instructor in Rhetoric and Composition.*
ANITA DE OYARZABAL, *Instructor in Spanish.*
ANNE STONE MINOT, PH.D., *Instructor in Physiology.*
HELEN MARION WOODRUFF, M.A., *Instructor in Art.*

[1]Appointed for the second semester only.

LOIS TRIPP SLOCUM, M.A., *Instructor in Astronomy.*
OLGA PAULINE LONGI, M.A., *Instructor in French.*
HELEN THAYER JONES, PH.D., *Instructor in Chemistry.*
AGNES ANNE ABBOT, *Assistant in Art.*
ELISABETH BIEWEND, *Assistant in German.*
JESSIE ESTHER COMEGYS, B.A., *Assistant in Mathematics.*
JEAN MILLETT WALKER, M.A., *Assistant in Zoology.*

ALBERT PITTS MORSE, *Curator of Zoology Museum.*
CELIA HOWARD HERSEY, B.A., *Secretary of the Farnsworth Art Museum.*
KATHLEEN MILLICENT LEAVITT, *Custodian to the Department of Zoology.*
KATHARINE BULLARD DUNCAN, *Custodian of the Whitin Observatory.*
HELEN FAY PORTER, B.A., *Custodian to the Department of Physics.*
LOIS IRENE WEBSTER, B.S., *Custodian to the Department of Botany.*

ELIZA NEWKIRK ROGERS, M.A., *Lecturer in History of Architecture.*
HARRIET BOYD HAWES[6], M.A., L.H.D., *Lecturer in Pre-Christian Art.*
MATILDA REMY, B.S. in ED., *Lecturer on the History and Practice of the Kindergarten.*
ARTHUR HERBERT WILDE, PH.D., *Lecturer in Education.*
BANCROFT BEATLEY[7], M.A., ED.D., *Lecturer in Education.*
LESLIE OLIN CUMMINGS[6], M.A., ED.D., *Lecturer in Education.*
ERNST HERMANN, *Lecturer in Hygiene and Physical Education.*
ABIGAIL ADAMS ELIOT, B.A., *Lecturer on Nursery School Education.*
J. A. C. FAGGINGER AUER[7], B.D., PH.D., *Lecturer in History.*

ETHEL DANE ROBERTS, B.A., B.L.S., *Librarian.*
ANTOINETTE BRIGHAM PUTNAM METCALF, M.A., *Associate and Reference Librarian.*
LILLA WEED, M.A., *Associate Librarian.*
HELEN MOORE LAWS, B.A., *Cataloguer.*
FLORA EUGENIA WISE, *Classifier.*
AGNES EMMA DODGE, *Librarian of Mary Hemenway Hall.*

FREDERICKA VERNE BLANKER, M.A., *Alice Freeman Palmer Fellow.*

Special Lecturers in the Department of Hygiene and Physical Education

WALTER ADAMS BRADFORD, D.M.D., *Lecturer on Oral Hygiene.*
JOSEPH WILLIAM COURTNEY, M.D., *Lecturer on the Hygiene of the Nervous System.*
FOSTER STANDISH KELLOGG, M.D., *Lecturer on Pelvic Hygiene.*

[6]Appointed for the first semester only.
[7]Appointed for the second semester only.

WALTER B. LANCASTER, M.D., *Lecturer on Visual Hygiene.*
ANDREW ROY MACAUSLAND, M.D., *Lecturer on Orthopedics.*
WILLIAM RUSSELL MACAUSLAND, M.D., *Lecturer on Orthopedics.*
WILLIAM EMERSON PREBLE, B.A., M.D., *Lecturer on Internal Medicine.*
HAROLD GRANT TOBEY, M.D., *Lecturer in Oto-Laryngology.*
HARVEY PARKER TOWLE, M.D., *Lecturer on the Hygiene of the Skin.*

OFFICERS OF ADMINISTRATION

ELLEN FITZ PENDLETON, M.A., LITT.D., LL.D., *President.*
ALICE VINTON WAITE,[8] M.A., DEAN. *Professor of English Language and Literature.*
EDITH SOUTHER TUFTS, M.A., *Dean of Residence.*
EDWARD ERASTUS BANCROFT, M.A., M.D., *Consulting Physician.*
MARY CASWELL, *Secretary to the President.*
MARY FRAZER SMITH, B.A., *College Recorder.*
FRANCES LOUISE KNAPP, M.A., *Secretary to the Board of Admission and Dean of Freshmen.*
EVELYN AMELIA MUNROE, B.A., *Assistant Treasurer.*
CHARLOTTE SCOTT WHITON, *Purveyor.*
HELEN WILLARD LYMAN, B.A., *Head of Cazenove Hall.*
HARRIET LESTER, *Head of Shafer Hall.*
EFFIE JANE BUELL, *Head of Pomeroy Hall.*
CHARLOTTE HENDERSON CHADDERON, *Head of Claflin Hall.*
ELIZABETH BURROUGHS WHEELER, *Head of Eliot House.*
KATHARINE HARRIS, *Head of Little House.*
ALICE LILLIAN MCGREGOR, *Head of Tower Court.*
HARRIET HATTON MAYNARD, *Head of The Elms.*
MARTHA FAY CLARKE, *Head of Horton and Hallowell Houses.*
MARY HUBBARD MORSE RICHARDSON, *Head of the Homestead.*
JESSIE ANN ENGLES, *Head of Crofton House and Ridgeway Refectory.*
JOSEFA VICTORIA RANTZIA STALLKNECHT, *Head of Clinton House.*
VIOLA FLORENCE SNYDER, *Head of Washington House.*
ADALINE FOOTE HAWLEY, B.A., *Head of the Birches.*
ELVIRA GENEVIEVE BRANDAU, *Head of Wood House.*
HELEN SEYMOUR CLIFTON, *Head of Noanett House.*
CHARLOTTE MARY HASSETT, *Head of Dower House.*
BELLE MORGAN WARDWELL, B.S., *Head of Beebe Hall.*
CARRIE IRISH, *Head of Stone Hall.*
ETHEL ISABELLA FOSTER, *Head of Freeman House.*
MARY GILMAN AHLERS, B.A., *Head of Wilder Hall.*
MARY CROSS EWING, B.A., *Head of Norumbega House.*
CAROLYN MAY LOOMIS, *Head of Fiske House.*
LAURA PARKER FURBER, B.A., *Head of Leighton House.*
MARY HALE YOUNG, B.A., *Head of Townsend House.*

[8]Absent on Sabbatical leave for the first semester.

MARY FISHER DEKRUIF, M.D., *Assistant Physician and Instructor in Hygiene and Physical Education.*
ELIZABETH LOUISE BROYLES, M.D., *Resident Physician.*
MARION FRANCES EATON COOKE, B.A., *Head of Webb House.*
FLORENCE IRENE TUCKER, B.A., *Assistant to the Purveyor.*
ESSIE MAY VAN LEUVEN DECKER, *Comptroller.*
JESSIE RICHARDS ADAMS, *Manager of the Information Bureau.*
AVA CLOSE MINSHER, *Manager of the Post Office.*
GRACE ETHEL ARTHUR, B.A., *Secretarial Assistant in the President's Office.*
EUGENIA BUSHNELL BROWN, B.A., *Assistant Secretary to the President.*
KATHLEEN ELLIOTT, B.A., *Assistant Recorder.*
DORIS ELIZABETH HUBBARD, B.S., *Secretary to the Dean.*
FLORENCE JACKSON, B.S., M.A., *Associate in the Bureau of Occupations.*
EDITH ADAMS, B.A., *Assistant to the Dean of Residence.*
WENDELL HOWARD KAYSER, B.S., *Business Manager.*
FREDERICK DUTTON WOODS, B.S., *Superintendent of Grounds.*
WILFORD PRIEST HOOPER, B.S., *Superintendent of College Buildings.*

STANDING COMMITTEES

BOARD OF ADMISSION.—Misses Bliss, Grace Davis, Fletcher, Knapp (*Chairman*), Clara Smith; and (*ex officio*) President Pendleton, Dean Waite.

COMMITTEE ON GRADUATE INSTRUCTION.—Misses Edwards, Gamble, Hughes (*Chairman*), Lowater, Moody; Mr. Curtis; and (*ex officio*) President Pendleton, Dean Waite.

LIBRARY COMMITTEE.—Miss Roberts (*Chairman ex officio*), Misses Bragg, Brown, Lockwood, Wipplinger; Mr. Wellman; the President and Librarians (*ex officio*).

COMMITTEE ON INSTRUCTION.—Dean Waite (*Chairman ex officio*), Misses Bliss, Bushee, Donnan, French, Williams; Mrs. Loomis; the President (*ex officio*).

COMMITTEE ON HONORS IN SUBJECTS.—Dean Waite (*Chairman ex officio*), Misses Batchelder, French, Moody, Orvis; Mrs. Loomis; Mr. Mussey.

COMMITTEE ON ROUTINE BUSINESS.—Misses Allen, Conant, Dennis, Griggs, Manwaring, Moffett, Sawyer; Mrs. Curtis; Mr. Lawrence Smith, and (*ex officio*) President Pendleton, Dean Waite (*Chairman*), Dean Tufts.

FACULTY MEMBERS IN SENATE OF COLLEGE GOVERNMENT ASSOCIATION.—President Pendleton (*ex officio*), Misses Helen Davis, Dutcher, Griggs; Mrs. Ewing.

WELLESLEY COLLEGE

Wellesley, Massachusetts

FOUNDATION AND PURPOSE

WELLESLEY COLLEGE was established for the purpose of furnishing to young women who desire to obtain a liberal education such advantages and facilities as are enjoyed in institutions of the highest grade. The first building of the College, erected and equipped under the supervision and through the personal means of the founder, was opened to students in 1875, with the announced purpose "of giving to young women opportunities for education equivalent to those usually provided in colleges for young men." Throughout his work the founder aimed to put into visible form his ideal of the higher education for women, "the supreme development and unfolding of every power and faculty."

By the charter, granted by the Commonwealth of Massachusetts, "the corporation of Wellesley College is authorized to grant such honorary testimonials, and confer such honors, degrees, and diplomas, as are granted or conferred by any University, College, or Seminary of learning in this Commonwealth; and the diplomas so granted shall entitle the possessors to the immunities and privileges allowed by usage or statute to the possessors of like diplomas from any University, College, or Seminary of learning in this Commonwealth."

In accordance with the spirit of the founder, the College is undenominational, but distinctively Christian in its influence, discipline, and instruction.

The members of the College meet daily for morning prayers in the beautiful chapel presented in 1899 by Miss Elizabeth G. Houghton and Mr. Clement S. Houghton as a memorial to their father, Mr. William S. Houghton, a trustee of the College from 1880 to his death in 1894. Services on Sunday are conducted in this chapel by preachers of different denominations. At all these services and at vespers on Sunday, the singing is led by a trained choir of students under the direction of the professor of music.

The Wellesley College Christian Association, organized to foster religious life, and interest in social reforms and in home and foreign service holds meetings for prayer and religious instruction.

The department of Biblical History affords the systematic study of the Bible required of all students.

ADMISSION

In order to qualify for admission to Wellesley College an applicant must be at least sixteen years of age and must present satisfactory evidence of her ability to make good use of the opportunities offered by the College. This evidence must include satisfactory testimonials concerning character, health, and scholarship.

Applications for admission should be made upon forms which will be furnished on request. An application fee of $10 is required of all applicants and no registration is recorded until this fee is received. (See page 127.) The date of application is used as a basis in assigning rooms in college houses. Since the number of students to be admitted is limited by the capacity of class rooms, it is necessary to close the regular application list several years in advance. After the regular list for a given year is closed, promising students may be registered on a competitive list. The date of application will not be considered in admitting from this list, but the Board of Admission will select the candidates who, from the evidence submitted, seem to be the best qualified to profit by a course of study at Wellesley College.

Beginning with September 1929, candidates will be accepted in the order of the excellence of the credentials submitted. The advantage of an early application will still hold, since rooms will be assigned to accepted candidates according to the date of application for admission.

ADMISSION TO THE FRESHMAN CLASS

For admission to the freshman class a candidate must present fifteen units* of secondary school studies chosen according to the following plan:

Group I. Prescribed without choice, 9 units:

English	3
Mathematics	3
Algebra 2	
Plane Geometry 1	
Latin	3
Two units chosen from foreign language	2

Group II. Restricted Electives, 3 units:

History	1
Foreign language	2
or	
Science	2
or	
Science 1 and a second unit of History 1	2

Group III. Free Electives, 3 units.

*A unit represents a year's study of a subject constituting approximately a quarter of a full year's work or not less than the equivalent of 120 sixty-minute hours of classroom work, two hours of laboratory work counting as one hour of classroom work.

Candidates entering by the *Comprehensive Plan* (See page 20), who wish to offer subjects for admission in which examinations are not given by the College Entrance Examination Board are advised to submit the plan for their free electives to the Board of Admission before the beginning of the last year of their preparation for college. Subjects for the four Comprehensive examinations must be chosen from the list of examinations offered by the College Entrance Examination Board.

Attention is called to the fact that the free margin can be used without limitation only by candidates who enter by the comprehensive plan in which four comprehensive examinations are considered in connection with the school record. Candidates for admission by *examination in all*

Wellesley College Calendar.

ERRATUM.

Page 18. Under Admission to Freshman Class—omit last topic under Group I, which reads "Two units chosen from foreign language."

English	1 unit
European	1 unit
Science:	
Biology	1 unit
Botany	1 unit
Chemistry	1 unit
Physical Geography	1 unit
Physics	1 unit
Zoology	1 unit
Biblical History and Literature	1 unit
Civil Government	1 unit
Drawing:	
Freehand	1 unit
Mechanical	1 unit
Harmony	1 unit

ADMISSION

In order to qualify for admission to Wellesley College an applicant must be at least sixteen years of age and must present satisfactory evidence of her ability to make good use of the opportunities offered by the College. This evidence must include satisfactory testimonials concerning character, health, and scholarship.

Applications for admission should be made upon forms which will be furnished on request. An application fee of $10 is required of all applicants and no registration is recorded until this fee is received. (See page 127.) The date of application is used as a basis in assigning rooms in college houses. Since the number of students to be admitted is limited

English 3
Mathematics 3
Algebra 2
Plane Geometry 1
Latin 3
Two units chosen from foreign language . . 2

Group II. Restricted Electives, 3 units:

History 1
Foreign language 2
or
Science 2
or
Science 1 and a second unit of History 1 . . 2

Group III. Free Electives, 3 units.

*A unit represents a year's study of a subject constituting approximately a quarter of a full year's work or not less than the equivalent of 120 sixty-minute hours of classroom work, two hours of laboratory work counting as one hour of classroom work.

Candidates entering by the *Comprehensive Plan* (See page 20), who wish to offer subjects for admission in which examinations are not given by the College Entrance Examination Board are advised to submit the plan for their free electives to the Board of Admission before the beginning of the last year of their preparation for college. Subjects for the four Comprehensive examinations must be chosen from the list of examinations offered by the College Entrance Examination Board.

Attention is called to the fact that the free margin can be used without limitation only by candidates who enter by the comprehensive plan in which four comprehensive examinations are considered in connection with the school record. Candidates for admission by *examination in all subjects* must choose the free electives from subjects in which entrance examinations are regularly offered. These subjects include the following:

Foreign Language:	
French	2-4 units
German	2-4 units
Greek	2-3 units
Italian	2-4 units
Latin	a 4th unit
Spanish	2-4 units
Mathematics:	
Solid Geometry	½ unit
Trigonometry	½ unit
Advanced Algebra	½ unit
History:	
American	1 unit
Ancient	1 unit
English	1 unit
European	1 unit
Science:	
Biology	1 unit
Botany	1 unit
Chemistry	1 unit
Physical Geography	1 unit
Physics	1 unit
Zoology	1 unit
Biblical History and Literature	1 unit
Civil Government	1 unit
Drawing:	
Freehand	1 unit
Mechanical	1 unit
Harmony	1 unit

The Board of Admission selects candidates on the basis of the complete credentials filed by July 15 of the year in which the applicant is registered to enter college. The records on which the decision depends include the physician's certificates of health, school records and recommendations, and reports of entrance examinations. Credentials received after the July meeting of the Board of Admission will be considered on their merits in case of summer withdrawals. Permission for re-examination in September can be granted only in exceptional cases to students with a slight failure in the June examinations who have a high general average in both school and examination records.

A statement from the applicant's physician to the effect that she is organically sound and in good health, together with a certificate of vaccination must be filed with the Secretary to the Board of Admission before June 1 of the year in which admission is sought. Blank forms for these health reports will be sent to each registered applicant in the spring previous to her proposed entrance. Before a candidate is formally accepted she is given a thorough physical examination. The College reserves the right to reject any candidate if the results of this examination in the opinion of the medical staff justify such action or to accept the candidate only on the understanding that she will take five years to complete the course.

The student who has met all entrance requirements is qualified for immediate matriculation for the Baccalaureate degree in Arts.

All communications concerning admission should be addressed to the Secretary to the Board of Admission, Wellesley College, Wellesley, Mass.

METHODS OF ADMISSION

I. The Comprehensive Plan of Admission.—It is believed that this type of admission combines the best elements of the certificate system and of the examination system in that it requires the school record and estimate of character, and also demands four examinations designed to test the candidate's intellectual power, not alone her memory of prescribed facts. Furthermore, the method offers the applicant the fullest opportunity to show her ability in subjects in which she believes herself best qualified.

The plan offers a uniform method of admission for the colleges which have adopted the plan, and gives the school entire freedom in the sequence of its work, making no requirements of certain subjects in the last year.

The examinations required in this plan are of the type known as comprehensive examinations offered by the College Entrance Examination Board.

Admission by this method depends on two kinds of evidence:

1. Evidence submitted by the school, as follows: (1) a school report covering the entire record of subjects and grades for four years; (2) a statement from the school principal including an estimate of the applicant's scholarly interests, special ability, and character.

2. Evidence submitted by the candidate, consisting of four comprehensive examinations, selected from each of the following groups: (1) English or History, selected by the applicant; (2) a foreign language, selected by the applicant; (3) Mathematics, or Chemistry, or Physics, selected by the applicant; (4) a fourth subject designated by the applicant from the subjects which may be offered for admission. This choice must be approved by the Board of Admission.

These four examinations must be taken in one examination season. At least two examinations must cover more than two admission units each. In each subject chosen except history the applicant must take the comprehensive examination covering all the units offered by her for admission.

It is desirable that applicants furnish school records and state the subjects selected for examination before February fifteenth of the year in which the examinations are to be taken.

The Board of Admission must give its permission, based upon the evidence submitted by the school, before the applicant may take the examinations. The comprehensive examinations set by the College Entrance Examination Board are judged by readers appointed by this Board, and forwarded to the College for final decision by the Board of Admission.

Under the comprehensive plan the candidate, if admitted to college, will be admitted free from all conditions. Failure to meet completely the standard in both kinds of evidence required will not necessarily involve rejection of the applicant; the Board may accept unusual excellence in one part of the credentials submitted as offsetting unsatisfactory evidence or even failure in another part. If the candidate fails of admission in June she may be permitted to take examinations under the old system in September, but she may not take the examinations for admission under the comprehensive plan before June of the following year.

The comprehensive examinations are conducted in June by the College Entrance Examination Board. Information concerning the character and scope of the examinations will be found in Document 117 of the College Entrance Examination Board.

II. Examinations in All Subjects. — Candidates must take all examinations in June, except such as by permission may be postponed until September. The admission examinations conducted at Wellesley College in June are the examinations of the College Entrance Examination Board of which Wellesley College is a member. These examinations will be held June 21-26, 1926.

The College Entrance Examination Board will furnish a list of other places at which these examinations will be conducted.

Students entering by examination in all subjects may take either ordinary or comprehensive examinations of the College Entrance Examination Board. The examinations which are accepted in English, Latin and Mathematics are indicated below. For other subjects except Biblical History and Harmony applicants should consult the list of examinations published by the College Entrance Examination Board in Document 117.

SUBJECT	NO. OF UNITS	COLLEGE BOARD EXAMINATIONS	
		Ordinary	Comprehensive
English	3	1 Grammar and Composition 2 Literature or 1-2 Grammar, Composition and Literature	Cp. English
Mathematics	3	A Elementary Algebra C Plane Geometry	Cp. 3 Elementary Mathematics
	4	A and C (See above) and D Solid Geometry and E Plane Trigonometry	——— ———
Latin	3	1 Grammar 2 Elementary Prose Composition 4 Cicero and Sight Translation of Prose or 5 Virgil and Sight Translation of Poetry	Cp. 3 Three-year Latin
	4	1,* 4, 5 (See above) and 6* Advanced Prose Composition	Cp. 4 Four-year Latin or Cp. 3 and Cp. H or Cp. K Fourth-year Latin

*If Latin 6 is offered as a preliminary examination Latin 1 is not required.

Entrance examinations in Biblical History and Harmony will be conducted by Wellesley College. Applications for these two examinations must be made to the Secretary to the Board of Admission of Wellesley College by May 1.

Examinations for students entering by examination in all subjects may be taken in two or more successive years. Students are advised to take final examinations in subjects which they expect to continue in college.

All applications for examinations, and all other inquiries must be addressed to the Secretary of the College Entrance Examination Board, 431 West 117th St., New York, N. Y. Applications must be made upon a blank form to be obtained from the Secretary of the College Entrance Examination Board.

A list of places at which the examinations are held is published about March 1. In order that they may receive proper consideration, requests that the examinations be held at particular points should be transmitted to the Secretary of the College Entrance Examination Board *not later than February 1.*

Applications for examination at points in the United States east of the Mississippi River or on the Mississippi River, must be received by the Secretary on or before Monday, May 31, 1926, applications for admission to examination elsewhere in the United States or in Canada must be received on or before Monday, May 24, 1926, and applications for examination at points outside the United States and Canada must be received on or before Monday, May 10, 1926.

Applications received later than the dates named will be accepted when it is possible to arrange for the examination of the candidates concerned, but only upon payment of an additional fee.

If the application is received sufficiently early the examination fee is *ten* dollars for all candidates examined at points in the United States and Canada, and *ten* dollars for all candidates examined elsewhere. The fee should be remitted by postal order, express order, or draft on New York to the order of the College Entrance Examination Board.

Full information concerning the scope and character of each of the examinations may be found in Document 117, published by the College Entrance Examination Board. Upon request a single copy of this document will be sent to any teacher without charge. In general a charge of twenty cents, which may be remitted in postage, will be made.

SEPTEMBER EXAMINATIONS.—Admission examinations are offered at Wellesley College in September. Only the comprehensive examinations of the College Entrance Examination Board are offered in September. Special permission to take these examinations must be obtained from the Board of Admission of Wellesley College, and requests should be entered by August 15. The September examinations are conducted primarily as final examinations for a limited number of promising students who have incurred only a slight failure in the June examinations.

SCHEDULE OF EXAMINATIONS
SEPTEMBER, 1926

MONDAY, SEPTEMBER 20

9-12 A.M.	English.
2- 5 P.M.	French.

TUESDAY, SEPTEMBER 21

9-12 A.M.	Latin.
2- 5 P.M.	History.

WEDNESDAY, SEPTEMBER 22

9-12 A.M.	Elementary Mathematics.
2- 5 P.M.	German, Italian, Spanish.

THURSDAY, SEPTEMBER 23

9-12 A.M.	Psychological Examination. Chemistry, Physics.
2- 5 P.M.	Greek. Advanced Mathematics.

FRIDAY, SEPTEMBER 24

9-12 A.M.	Biology, Botany, Zoology.

REGENTS EXAMINATIONS.— Regents examinations with a rating of 75 per cent may be offered under certain conditions in place of the examinations of the College Entrance Examination Board. Credits must be presented on the card verified by the State Board of Education of New York. Candidates from New York schools are advised to use the papers of the College Entrance Examination Board for all final June examinations in order to insure having their credentials complete when the Board of Admission meets to select candidates in July.

DEFINITION OF REQUIREMENTS

The number enclosed in parentheses following the subject indicates the number of units assigned to that subject; that is, the number of years with five recitations a week which will normally be required in the secondary school for adequate preparation in the subject.

ENGLISH (3)

The study of English in school has two main objects: (1) command of correct and clear English, spoken and written; (2) ability to read with accuracy, intelligence, and appreciation, and the development of the habit of reading good literature with enjoyment.

Grammar and Composition.—English grammar should ordinarily be reviewed in the secondary school; and correct spelling and grammatical accuracy should be rigorously exacted in connection with all written work during the four years. The principles of English composition governing punctuation, the use of words, sentences, and paragraphs should be thoroughly mastered; and practice in composition, oral as well as written,

should extend throughout the secondary school period. Written exercises may well comprise letter-writing, narration, description, and easy exposition and argument. It is advisable that subjects for this work be taken from the student's personal experience, general knowledge, and studies other than English, as well as from her reading in literature. Finally, special instruction in language and composition should be accompanied by concerted effort of teachers in all branches to cultivate in the student the habit of using good English in her recitations and various exercises, whether oral or written.

To meet the requirement in Composition, there should be practice in writing equivalent to weekly themes the first two years, and fortnightly themes the last two years of the preparatory course. Themes should be accompanied by simple outlines. The following books are suggested: Scott and Denney's *Composition—Rhetoric;* Neal's *Thought Building in Composition;* Robins and Perkins' *Introduction to the Study of Rhetoric* supplemented by Herrick and Damon's *Composition and Rhetoric;* Shackford and Judson's *Composition—Rhetoric—Literature;* Manly and Rickert's *The Writing of English.*

Literature.—The second object is sought by means of the reading and study of a number of books, from which may be framed a progressive course in literature covering four years. The student should be trained in reading aloud and be encouraged to commit to memory notable passages both in verse and in prose. As an aid to literary appreciation, she is further advised to acquaint herself with the most important facts in the lives of the authors whose works she reads and with their place in literary history. A few of these books should be read with special care, greater stress being laid upon form and style, the exact meaning of words and phrases, and the understanding of allusions.

A list of the books recommended for reading and study and suggestions concerning preparation for the College Board examinations in English will be found in Document 117 published by the College Entrance Examination Board.

HISTORY (1, 2 or 3)

All applicants for admission are required to offer one unit in History. One or two units of History may be offered in the group of restricted electives and the subjects should be selected from the following: (1) American History (with or without Civil Government), (2) Ancient History, (3) English History, (4) European History. For suggestions about preparation in History and the scope of the College Board examinations candidates are referred to Document 117 published by the College Entrance Examination Board.

MATHEMATICS (3 or 4)

Algebra.—The requirement is met by the course in Mathematics designated as A in Document 117 of the College Entrance Examination Board.

Plane Geometry.—The requirement is met by the course in Mathematics designated as C in Document 117 of the College Entrance Examination Board.

Solid Geometry and Trigonometry.—The requirement is met by the courses D and E outlined in the report of the College Entrance Examination Board, Document 117.

LATIN (3 or 4)

4 Unit Requirement.—Candidates should be familiar with the forms and syntax of the language and possess a vocabulary sufficient to translate Latin into idiomatic English and English into correct Latin. They should also be able to translate at sight Latin prose and poetry of moderate difficulty and to read Latin prose and verse according to the Roman method of pronunciation with strict attention to vowel quantities. To attain such proficiency not less than five forty-minute periods a week for four years should be given to the study of Latin. The *amount* of prepared reading should not be less than four books of Cæsar's *Gallic War*, seven orations of Cicero (counting the *Manilian Law* as two) and six books of Virgil's *Æneid*. The reading may be selected from other works of the authors named above or from other suitable authors, but must include the *pro Archia* and two other orations of Cicero and two books of the *Æneid*.

The ordinary examinations of the College Board which are used by candidates taking examinations in all subjects will be based on the following prescribed reading:

In 1926, 1927, and 1928. Cicero, the first oration against *Catiline*, the oration for *Archias*, and the impeachment of *Verres*, *Actio Secunda*, IV, ch. 52-60 (The Plunder of Syracuse); Virgil, *Æneid*, III and VI; Ovid, *Metamorphoses*, Book I, 313-415 (Deucalion and Pyrrha); II. 1-328 (Phaethon); VII, 1-158 (The Golden Fleece); VIII, 616-724, (Philemon and Baucis); X, 560-680 (Atalanta's Race).

Accompanying the different passages will be questions on the subject-matter, literary and historical allusions, and prosody. Every paper in which passages from the prescribed reading are set for translation will contain also one or more passages for translation at sight; and candidates must deal satisfactorily with both parts of the paper, or they will not be given credit for either part.

Information concerning the character of the Comprehensive examination in four units of Latin and suggestions concerning preparation will be found in Document 117, published by the College Entrance Examination Board.

3 Unit Requirement.—The course of study for the first two years is the same as for candidates offering four units of Latin for admission. In the third year either the prose authors or the poetry may be offered. The required amounts of reading in both the prose and poetry are indicated under the four unit requirement. Constant practice in Latin writing is essential. Suggestions for study will be found in Document 117 referred to above.

SUGGESTIONS CONCERNING PREPARATION.—Exercises in translation at sight should begin in school with the first lessons in which Latin sentences of any length occur, and should continue throughout the course with sufficient frequency to insure correct methods of work on the part of the student. From the outset particular attention should be given to developing the ability to take in the meaning of each word—and so, gradually, of the whole sentence—just as it stands; the sentence should be read and understood in the order of the original, with full appreciation of the force of each word as it comes, so far as this can be known or inferred from that which has preceded, and from the form and the position of the word itself. The habit of reading in this way should be encouraged and cultivated as the best preparation for all the translating that the student has to do. No translation, however, should be a mechanical metaphrase, nor should it be a mere loose paraphrase. The full meaning of the passage to be translated, gathered in the way described above, should finally be expressed in clear and natural English.

It is of special importance that practice in writing easy Latin *at sight* should be continued *throughout the entire period of preparation* in connection with the reading of the Latin authors. In the last year special attention should be given to translating continuous English into Latin both in the prepared and sight work.

A written examination cannot test the ear or tongue, but proper instruction in any language will necessarily include the training of both. The school work in Latin, therefore, should include much reading aloud, writing from dictation, and translation from the teacher's reading. Learning suitable passages by heart is also very useful, and should be more practiced. The work in composition should give the student a better understanding of the Latin she is reading at the time, and greater facility in reading. The teachers of Latin in the preparatory schools are urged to insist upon the use of good English in translation.

The study of Greek is strongly recommended to candidates who plan to elect courses in Latin in college. Ability to read at sight easy French or German prose is of great advantage to all classical students.

FRENCH (2, 3 or 4)

The requirements follow the recommendations of the Modern Language Association embodied in Document 117 of the College Entrance Examination Board. To this document candidates are referred for information

about the work to be accomplished to fulfill the requirements in the different years of preparation. The following general suggestions concerning preparation are offered:

(1) Emphasis should be laid on the correct daily use of the spoken language in the class room, on the correct and intelligent reading of French (apart from translation) and on direct composition, including the writing of short themes in French. (2) From the outset particular attention should be given to developing the ability to take in the meaning of each word—and so, gradually, of the whole sentence—just as it stands; the sentence should be read and understood in the order of the original, with full appreciation of the force of each word as it comes, so far as this can be known or inferred from that which has preceded, and from the form and the position of the word itself. The habit of reading in this way should be encouraged and cultivated as the best preparation for all the work that the student has to do. (3) It is particularly urged that the reading be chosen *from nineteenth century writers of prose, verse, and drama,* and if possible from more than five authors.

The texts suggested are:—(1) For the two unit requirement: Laboulaye: *Contes bleus;* Daudet: *Trois Contes Choisis;* France: *Abeille;* Malot: *Sans Famille;* de la Brète: *Mon Oncle et Mon Curé;* Enault: *Le Chien du Capitaine;* Legouvé et Labiche: *La Cigale chez les Fourmis;* Daudet: *Choix d'Extraits,* or *Le Petit Chose;* Vigny: *La Canne de Jonc;* Augier: *Le Gendre de M. Poirier;* Foncin: *Le Pays de France,* or Lavisse: *Histoire de France, IIe anneé* (Armand Colin, Paris). (2) For the three unit requirement: Lamartine: *Scènes de la Révolution française;* Maupassant: *Huit Contes Choisis;* About: *Le Roi des Montagnes;* Balzac: *Le Curé de Tours;* Colin: *Contes et Saynètes;* Colin: *Advanced Sight Translation;* Sandeau: *Mlle. de la Seiglière;* Scribe et Legouvé: *Bataille de Dames.*

GERMAN (2, 3 or 4)

The requirements follow the recommendations of the Modern Language Association embodied in Document 117 of the College Entrance Examination Board. To this document candidates are referred for information about the work to be accomplished to fulfill the requirements in the different years of preparation. The following general suggestions concerning preparation are offered:

(1) The books selected for class study should be thoroughly German in character and content. Intensive work on a comparatively small number of pages is preferred to a more superficial study of a larger number of pages. For the two unit requirement the number of pages read in class should, in general, not exceed 300; but in no case should the amount be less than 225 pages. Not more than 100 of these pages should be taken from readers arranged especially for beginners. For the three unit requirement not more than 600 pages in all (i.e., 300 in addition to the maximum amount for the two unit requirement) should,

in general, be read; but never less than 500 pages. Not more than one work of the classical period of German Literature should be included. Besides this intensive reading, some *rapid home reading* of easier texts (100 pages or more) is strongly urged. (2) The results desired can *not* be obtained if a considerable portion of the time is spent on translation from German into English, or vice versa. (3) Features that should not be neglected are—*a*. Vocabulary: the careful study of a goodly number of common words and expressions drawn chiefly from the texts read. *b*. Frequent practice in the oral and written use of the language *without the medium of English*. This should consist partly in answering in German questions put in German, based on the texts read intensively in class, partly in reproducing in German, without the aid of questions, the contents of these texts (Freie Reproduktion).

GREEK (2 or 3)

2 Unit Requirement.—During the two years the student should acquire a knowledge of the language sufficient to enable her (1) to translate at sight simple passages of Attic prose, and to answer questions on ordinary forms and constructions; (2) to translate into Greek a passage of connected English narrative, based on Xenophon; (3) to read Greek aloud with correct pronunciation and with full expression of the sense of the passage.

The prescribed study includes—(1) Grammar: inflections; the simpler rules for composition and derivation of words; use of cases; construction of sentences, with particular regard to the use and meanings of the moods. (2) Prose Composition: regular practice in writing or speaking Greek, with at least twenty written exercises, including some connected passages. (3) Three books of Xenophon's *Anabasis*, or its equivalent.

SUGGESTIONS CONCERNING PREPARATION.—The acquiring of a good working vocabulary should begin with the first lesson, and constant practice in the use of the more common words should be kept up throughout the course. The students should learn to recognize the words by hearing as well as by sight, and should be able to use them in speech as well as in writing. Writing Greek from dictation, learning short passages by heart, and putting simple English sentences into Greek orally, or answering in Greek simple questions asked in Greek serve not only to fix vocabulary and forms in the students' mind, but also to give them a feeling for the natural Greek form of expression.

3 Unit Requirement.—In addition to the preparation for the two unit requirement stated above, the student must be able to translate at sight a passage from Homer, to read it with a correct expression of the rhythm, and to answer a few questions on the Homeric forms and on the subject-matter.

The prescribed study includes: three books of Homer's *Iliad;* Prose Composition, continued practice in translation into Attic prose of connected passages of English.

ITALIAN (2, 3 or 4)

The requirements are stated in Document 117 of the College Entrance Examination Board.

To meet the two unit requirement the pupil should at the end of the first year be able to read simple Italian prose; to put into Italian simple English sentences taken from the language of every-day life or based upon a portion of the Italian text read; and to answer questions on the rudiments of the grammar, as defined below.

During the first year the work should comprise: (1) The rudiments of grammar, including the inflection of the regular and more common irregular verbs; the inflection of nouns, adjectives, participles and pronouns; the use of pronouns, adverbs, prepositions, and conjunctions and the elementary rules of syntax. (2) Written and oral exercises involving rules of grammar and forms of expression. (3) Careful drill in pronunciation. (4) Careful reading and accurate rendering of 100 duodecimo pages of graduated text. (5) Memorizing about 100 lines of poetry. (6) Writing Italian from dictation.

Suitable texts for the first year are: De Amicis, *Cuore*; L. A. Wilkins and Santelli, *First Italian Reader.*

During the second year the work should comprise: (1) More advanced grammar work with special stress on the irregular verb, the subjunctive mood, uses of tenses, and of the conjunctive pronouns. (2) Reading of about 200 pages of modern prose in the form of stories and plays. (3) Compositions (15-20), translations and abstracts with constant application of rules of grammar. (4) Memorizing of simple poems. (5) Writing from dictation. (6) Frequent oral and written reports on reading or assigned subjects.

Suitable texts for the second year are: Stories, plays, and history by different authors; Farina, *Fra le Corde d'un Contrabasso*; Goggio, *Due Commedie Moderne*; Goldoni, *Il Vero Amico, Un Curioso Accidente, La Locandiera*; Marinoni, *Italian Reader*; Pellico, *Le Mie Prigioni*; Testa, *L'Oro e L'Orpello;* E. H. Wilkins and Marinoni, *L'Italia.*

At the end of the third year the pupil should be able to read at sight ordinary Italian prose or simple poetry; to translate into Italian a connected passage of English based on the text read; and to answer questions involving a more thorough knowledge of syntax than is expected in the elementary course.

This should comprise the reading of about 300 pages of Italian of ordinary difficulty; practice in giving summaries in Italian of selected portions of the matter read; the discussion in Italian of the main facts of Italian history and customs for the study of which the teacher will provide the material; systematic review of grammar; and more advanced

composition including free composition and the writing of social and commercial letters.

Suitable texts for the third year are: Bergen and Weston, *An Italian Reader of the 19th Century Literature;* Bowen, *Italian Reader;* Fogazzaro, *Pereat Rochus*; Giacosa, *Una Partita a Scacchi*; Manzoni, *I Promessi Sposi*; E. H. Wilkins and Altrocchi, *Italian Short Stories*; E. H. Wilkins and Marinoni, *L'Italia.*

For suggestions on the work of the fourth year consult Document 117 of the College Entrance Examination Board.

SPANISH (2, 3 or 4)

The requirements follow the recommendations of the Modern Language Association embodied in Document 117 of the College Entrance Examination Board. To this document candidates are referred for information about the work to be accomplished to fulfill the requirements in the different years of preparation. The following general suggestions concerning preparation are offered:

(1) Grammar: verb drill; difference between *ser* and *estar;* use and position of pronouns; prepositions required with different verbs and adjectives; use of subjunctive and infinitive. (2) In reading, two ideas should be kept in mind: (*a*) accurate translation especially of idiomatic expressions; (*b*) a gradual development of the power to think in Spanish, by requiring the student to explain the meaning of words and phrases in Spanish and give variations of text also in Spanish. (3) From the beginning the student should gradually become accustomed to the use of the spoken language in the class room, training the ear by means of short talks on different subjects given by the teacher, and the tongue by the different methods already suggested. Original work in composition should also be required.

The texts suggested for the two unit requirement are:

A collection of easy short stories and lyrics carefully graded; Pérez Escrich, *Fortuna;* Ramos Carrión y Vital Aza, *Zaragüeta; Tres Comedias Modernas;* Pedro de Alarcón, *El Capitán Veneno;* Juan Valera, *El pájaro verde;* Palacio Valdés, *José;* José Selgas, *La mariposa blanca;* Carolina Marcial Dorado, *España Pintoresca;* the selected short stories of Pedro de Alarcón or Antonio de Trueba.

The texts suggested for the three unit requirement are:

A grammar; a composition-book; about 300 pages of intermediate texts which may be selected from the following: Pérez Galdós, *Marianela* or *Doña Perfecta;* Selgas, *La mariposa blanca;* Palacio Valdés, *La hermana San Sulpicio;* Isla's version of the *Gil Blas;* a collection of essays dealing with Spanish or Spanish-American life and customs; Moratín, *El sí de las niñas;* Larra, *Partir a tiempo;* plays of the Alvarez Quintero brothers, plays of Benavente.

SCIENCE

One or two units of science offered in the group of restricted electives may be chosen from the following subjects: (1) Biology, (2) Botany, (3) Chemistry, (4) Geography, (5) Physics, (6) Zoology. The requirements in science are met by the courses outlined in Document 117, published by the College Entrance Examination Board. The requirement in Botany may also be met by covering the main features in the course outlined in the Laboratory Guide for the introductory course at Wellesley College. Copies of this guide may be secured if desired from the office of the Board of Admission, Wellesley College.

All students offering science for admission must submit certificates concerning the laboratory work in science. Blank forms for this purpose may be obtained either directly from the College Entrance Examination Board in New York or from the Board of Admission of Wellesley College. Students are not required to submit laboratory note-books for admission credit in science. If students offer two units of science for admission and wish to be exempt from taking one of the two required sciences in college, note-books may be called for when the candidate enters college to be submitted for approval to the departments of science.

MUSIC (1)

The requirement in Music (Harmony) is met by examination at Wellesley College on the following:—(1) Knowledge of the following chords: (*a*) all the triads in the major key; (*b*) all the triads in the minor key; (*c*) the inversions of all triads; (*d*) the dominant seventh chord and its inversions; (*e*) the diminished seventh chord and its inversions. (2) Knowledge of all scales, major, minor (harmonic and melodic), and chromatic, with their proper notation. (3) Knowledge of the proper way of making a manuscript. (See *How to Write Music* by Harris, published by the H. W. Gray Co., New York.) (4) Knowledge of figured bass; this will be demonstrated by adding soprano, alto, and tenor to a given figured bass. (5) Knowledge of harmonizing a melody; this will be tested by harmonizing a given melody, adding alto, tenor, and bass. Emphasis should be placed on the harmonization of melody.

NOTE.—Students who have never studied figured bass will be given an unfigured bass to harmonize.

BIBLICAL HISTORY (1)

The requirement is met by Course I and either Course II or Course III as outlined by the Commission on Definition of Unit of Bible Study for Secondary Schools. Statements of these courses can be obtained from the Council of Church Boards of Education in the United States, 111 Fifth Avenue, New York City.

ADMISSION TO ADVANCED STANDING

Candidates for advanced standing must fulfill the requirements for admission to the freshman class, and when not entering from other colleges must pass examinations in a sufficient number of hours of work to gain full standing with the class which they wish to join. All examinations on courses offered for advanced credit must be taken at Wellesley in June. Special arrangements must be made for admission to these examinations, and applications must be received by May first.

A candidate whose college credentials show that she has covered the admission requirements for the freshman class and has completed a highly satisfactory year of work at another college may, at the discretion of the Committee on Advanced Standing, be admitted without examination to the courses for which her previous training seems to qualify her. *The number of students to be admitted to advanced standing in any year is limited. The admission of all candidates for advanced standing will be on a competitive basis.*

An applicant desiring to enter under this provision must make a complete written statement of the work on which she bases her application. Blank forms of application will be furnished by the College Recorder. An application fee of $10 is required of all applicants and no registration is recorded until this fee has been paid. (See page 127.)

Much importance is attached to the quality of the work offered. In order to be recognized as a candidate for advanced standing, a student must present evidence in the previous school and college records and in letters from former instructors that she is a student of excellent ability and unusual promise. The College Recorder will correspond with the college attended by the applicant and request her entire record and letter of honorable dismissal. The required credentials for all candidates are due July first. The decision as to the successful applicants for admission to advanced standing will be made in the summer of the year of entrance, after the reports from the various colleges have been received.

Candidates admitted from other colleges will be required to register during the first year as Unclassified Students. At least two years of residence are required to obtain the B.A. degree, of which one must be the senior year. The work of these two years must include all of the prescribed work (see pages 35, 36, 37) not covered by the credentials submitted.

All correspondence should be addressed to the College Recorder.

ADMISSION OF CANDIDATES FOR THE M.A. AND M.S. DEGREES

Candidates for the degree of Master of Arts or Master of Science in Hygiene and Physical Education must be graduates of Wellesley College or of other institutions of satisfactory standing, and must present adequate credentials as to their ability to carry on the work for the degree.

Application for admission as a graduate student in any department should be made upon a form which will be furnished by the College Recorder on request. It is desirable that the application be sent by April fifteenth of the year in which the student proposes to enter. It should be accompanied (1) by the official record of admission subjects, college courses and grades, (2) by a copy of the catalogue of the institution attended, marked to indicate the courses taken, (3) if possible, by papers and reports of work.

A matriculation fee of five dollars is payable when a student is accepted as a candidate for the Master's degree. The amount of this fee will be deducted from the diploma fee of twenty-five dollars payable when the degree is received.

Graduate fellowships and scholarships are described on page 132.

A circular containing full information for graduate students will be sent on application to the College Recorder. For requirements for the M.A. and M.S. degrees see page 38.

ADMISSION OF STUDENTS NOT CANDIDATES FOR A DEGREE

Applicants who give satisfactory evidence of ability to pursue advanced courses of study may be admitted at the discretion of the Board of Admission, provided that they satisfy the requirements of the departments which they propose to enter. It will be noted that opportunities of prosecuting work along special lines are thus open to persons of experience and success in teaching who possess the requisite qualifications for admission to college classes.

Applicants of less maturity and acquirement are not ordinarily admitted, but if such desire admission they must expect to meet by examination the requirements prescribed for admission to the freshman class, or a full equivalent for them and to satisfy such additional requirements as are prescribed by the departments which they propose to enter. Specific statements of these requirements in Music will be found on page 108; in Hygiene and Physical Education on page 86.

All courses, graduate as well as undergraduate, are open to special students, subject to the conditions stated by the various departments; but every such student is expected to choose a primary subject to which she should devote the greater part of her time. A student who creditably completes a prescribed group of courses will be granted a certificate.

As the capacity of halls of residence is not sufficient for candidates for degrees, special students cannot be lodged in the college buildings. Comfortable homes may be found in the village at about the same expense as in college houses.

Correspondence should be addressed to the Secretary to the Board of Admission.

DEGREES

The following degrees are conferred by the Trustees upon recommendation of the Academic Council:—

Bachelor of Arts.
Master of Arts.
Master of Science in Hygiene and Physical Education.

Requirements for the B.A. Degree

Every candidate for the B.A. degree must complete before graduation the equivalent of sixty hours. Two grades in work which reaches the passing mark are distinguished: one "*Passed*"; the other, "*Passed with Credit.*" In order to be recommended for the degree of Bachelor of Arts a student must have "passed with credit" in not less than six hours in the first semester of the freshman year and in not less than nine hours in each succeeding semester. Deficiency of such work in any semester may be made good in accordance with regulations adopted by the Faculty. First-year French and first-year German may not *both* be counted among the sixty hours. Neither first-year French nor first-year German may be so counted if taken after the sophomore year. Second-year French, second-year German, first-year Italian and first-year Spanish may not be counted among the sixty hours, if taken after the junior year. Of the sixty hours required for the B.A. degree, a certain number is prescribed, the rest elective.

I. PRESCRIBED. The following subjects are required as specified:

Biblical History	4½ hours
English Composition	3* "
Hygiene and Physical Education . .	2† "
Philosophy and Psychology	3 "
Reading and Speaking	1 hour
Mathematics (unless four entrance units are presented to constitute a satisfactory equivalent)	3 hours
A foreign language (unless satisfactory evidence of a knowledge of a third language is presented for admission) . . .	3 "
A biological science (unless two years of satisfactory biological science or sciences are offered for admission) . . .	3‡ "
A physical science (unless two years of satisfactory physical science or sciences are offered for admission)	3‡ "

* † ‡ See footnotes on page 36.

Of the required subjects, English Composition, Mathematics, one of the sciences and a foreign language (if a third language is not offered for admission), three hours each must be taken in the freshman year; Hygiene and Physical Education one and one-half hours in the freshman year, and one-half hour in the sophomore year; Biblical History, three three-hour semester courses in the sophomore and the junior years; Reading and Speaking, one hour per week in the sophomore year. Philosophy should preferably be taken in the sophomore year.

II. ELECTIVE. All courses are classified in Grades I, II, III; Grade I including elementary courses and Grade III the most advanced courses. All of the sixty hours not indicated in the above are elective, subject to the approval of the Faculty with the following restrictions:

Every candidate for the B.A. degree must show before graduation that she has completed

(1) Nine hours in each of two departments

or

(2) Twelve hours in one department and six in a second department

or

(3) Twelve hours in one department and six in allied courses.

Of the courses offered to fulfill this requirement, at least one full course of Grade III must be taken in the senior year. The nine-hour group must consist of at least six hours above Grade I, three hours of which must be of Grade III. The twelve-hour group must consist of at least nine hours above Grade I, six hours of which must be of Grade III. The six-hour group must include at least three hours above Grade I.

The programme in the freshman year is as follows:—

Mathematics 101 with 102 or 103	3	hours
English Composition 101	3	"
Hygiene and Physical Education 120 and 121	1½	"
Courses open to choice	9	"
Total	16½	hours

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* If a student fails to pass with credit in the second semester of English Composition 101, she will be required to take an additional semester course in the sophomore year.

† One hour of this requirement is met by a one-hour course in Hygiene and Physical Education in the freshman year; the second hour is met by four periods in practical work, two periods per week in the freshman year and two in the sophomore year.

‡ If a student presents for admission one year of satisfactory biological science and one year of satisfactory physical science she will be required to take but one in college and may choose either a biological or a physical science. The biological sciences are Botany, Geology, and Zoology; the physical sciences, Astronomy, Chemistry and Physics.

These electives must be chosen in accordance with the prerequisites given in the department statements from the list of courses named below, subject to the following restrictions:—

(1) One must be a science and the second a language (if only two foreign languages are offered for admission).
(2) Two beginning courses in modern language may not be elected.
(3) Only one of the following subjects may be elected: Art, English Literature, Musical Theory, Reading and Speaking.

Language	*Sciences*	*Other Subjects*
Greek 101, 201, 202	Astronomy 101	Art 101
Latin 101, 102, 103	Botany 101	English Literature 101
German 101, 102, 103 and 104	Chemistry 101, 102 with 104 or 201	History 103
French 101, 102, 103, 201	Geology 101	Musical Theory 101
Italian 101	Physics 101, 102 and 103	Reading and Speaking 101, 102
Spanish 101, 102	Zoology 101	

If 16½ hours are satisfactorily completed in the freshman year, the normal programme for the remaining years would be as follows:—

Sophomore year	16½ hours
Junior year	15 "
Senior year	12 "

If 16½ hours are not completed in both the freshman and sophomore years, a student may by special permission carry extra hours in the remaining years.

Elective courses must be chosen with great care so that changes will not be necessary. Students are held responsible for observing the requirements for the degree and the proper sequence of courses.

Students, except entering freshmen, are required to choose in May their free and restricted electives for the year following. All requests for changes of elective courses should be sent to the Dean of the College before September 15th. In general, no changes may be made after the beginning of the year.

Honors in Subjects

Students who wish to become candidates for Honors may apply in the spring of their sophomore or junior year to the special committee appointed to consider these applications.

All applications from candidates for Honors in Subjects must be accompanied by recommendations from the instructors concerned.

A student electing to study for Honors in Subjects will choose a Field of Distinction and will work in that field under the special direction of one or more of the instructors concerned who will advise her on the possible development of her Field of Distinction and will guide her in the carrying on of independent work within it.

A candidate for Honors in Subjects must take all the prescribed work. In place of the regular restricted elective she must take at least twenty-one hours in the chosen Field of Distinction. This Field of Distinction

includes work in the major department and allied courses, and with the approval of the major department directing the work may include not more than three hours of research independent of scheduled courses, thus giving the able student a stimulus to form habits of investigation in a manner to lead to advanced study.

Admission to Honors in Subjects will be confined to candidates whose scholarship, maturity and previous range of acquirement justify exceptional concentration. The work in the Field of Distinction for such a candidate will be subject to the following tests:

1. In general the regular tests of the courses in the Field of Distinction must be taken, including the examinations in these courses through the junior year.
2. A comprehensive examination must be taken in the student's Field of Distinction at the close of the senior year.

Pre-Medical Course

The programme is based upon the requirements for admission to medical schools of Class A, but each student is advised to study carefully the requirement for the particular school which she has chosen.

Pre-medical students must meet the requirements for the degree as stated above under I. Prescribed and II. Elective.

These students may meet the restricted elective requirement, given under II, by a combination of nine hours in Chemistry and six hours in Physics and Zoology respectively. The following programme is arranged for such students to meet the science and language requirement.

Freshman Year	*Hours*
Chemistry	3
Zoology	3
At least a reading knowledge of French or German is required by medical schools.	

Sophomore Year	*Hours*
Chemistry	3
Physics	3

Junior Year	*Hours*
Chemistry	3
Zoology	3

Senior Year	*Hours*
Physics	3
Additional Science	3
since certain Class A medical schools require it.	
The Senior programme must include at least one course of Grade III, preferably in science.	

REQUIREMENTS FOR THE M.A. AND M.S. DEGREES

Wellesley College offers graduate work leading to the degrees of Master of Arts and Master of Science in Hygiene and Physical Education. The work required of a candidate is considered to be the equiva-

lent of twelve hours of college work and may be done in one subject or two related subjects. The programme includes, in general, no fewer than two full courses of Grade III or their equivalent, in the major subject, and may include a thesis embodying the results of original research or a report or reports based on independent work. A candidate for either degree is ordinarily required to have a reading knowledge of French and of German, although another language may, under certain conditions, be substituted for one of these languages. At least one year of graduate study is required of all candidates, but more time may be needed for the completion of the work. One year *in residence* is required of all candidates except graduates of Wellesley College who have done the work at some institution which does not grant a Master's degree to women.

Information regarding thesis, final examinations, etc., will be found in the Graduate Circular which will be sent on application to the College Recorder.

COURSES OF INSTRUCTION

The following Courses of Instruction are offered by the several departments. The College reserves the right to withdraw the offer of any course not chosen by at least six students.

All courses are classified in grades, I, II, III; grade I including elementary courses and grade III the most advanced courses. Grade I courses are numbered 101, etc.; grade II courses 201, etc.; grade III courses 301, etc.

ART

PROFESSOR: ALICE VAN VECHTEN BROWN. (CHAIRMAN.)
ASSOCIATE PROFESSOR: MYRTILLA AVERY,[3] B.L.S., M.A.
LECTURERS: ELIZA NEWKIRK ROGERS, M.A.
HARRIET BOYD HAWES,[6] M.A., L.H.D.
INSTRUCTOR: HELEN MARION WOODRUFF, M.A.
ASSISTANT: AGNES ANNE ABBOT.
SECRETARY OF THE MUSEUM: CELIA HOWARD HERSEY, B.A.
MUSEUM ASSISTANT: ALICE CHURCHILL MOORE.

101. INTRODUCTORY COURSE IN THE HISTORY OF ART. This course aims to develop an appreciation of æsthetic values by means of a close study of photographs and the works themselves. First semester—A review of the general development of Pre-Christian architecture, sculpture and painting. Second semester—Early Christian and Byzantine Art and an introduction to Early Renaissance painting with certain Mediæval examples necessary to make the historical connection.

Open to freshmen, sophomores, and juniors. No prerequisites. Three hours a week for a year.

First Semester, MRS. HAWES, MISS ABBOT.
Second Semester, MISS BROWN, MISS ABBOT.

103†. *Studio Practice.* Water color painting, drawing, sketching, modelling, and oil painting.

Open to sophomores, juniors, and seniors. No prerequisites. Three hours a week for a year. (Nine hours of studio practice.)

MISS BROWN, MISS ABBOT.

203. OUTLINE COURSE IN THE HISTORY OF ART. This course furnishes an outline of the development of styles in architecture, sculpture, and painting (excluding the Far East), and aims to develop observation and

†See note on page 42.
[3]Absent on leave.
[6]Appointed for the first semester only.

æsthetic appreciation as well as to relate important monuments to their contemporary civilization. This course is not open to students who have taken or are taking any other history course in the Art Department.

Open to seniors only. No prerequisites. Three hours a week for a year. MISS WOODRUFF.

204†. STUDIO PRACTICE. Design.

Open by permission of the department to juniors and seniors who have completed course 103. Three hours a week for the first semester. (Nine hours of studio practice.) MISS ABBOT.

205. SECOND YEAR INTRODUCTORY COURSE IN THE HISTORY OF ART. First Semester—Introduction to Romanesque and Gothic Art, with emphasis on the development in France. Second semester—Introduction to Renaissance Art, with emphasis on the development in Italy. Laboratory work is required.

Open to students who have completed course 101. Three hours a week for a year. MISS WOODRUFF.

303. HISTORY OF ITALIAN PAINTING. A general review of the movements and schools of the Italian Renaissance. A brief outline will be included of the course of later European painting. Laboratory work is required.

Open to students who have completed course 205. Three hours a week for a year. MISS BROWN.

304. HISTORY OF RENAISSANCE ARCHITECTURE. This course centers in a critical study of the works of representative architects of the Italian Renaissance. It follows the influence of that style on the native architectural expression of France. Laboratory drawing is required.

Open to students who have completed course 205. Three hours a week for a year. MRS. ROGERS.

305. ADVANCED HISTORY OF PAINTING. (Not offered in 1925-26.)

Open to students who have completed course 303. Three hours a week for the second semester. MISS BROWN.

307. SPECIAL TOPICS IN THE MEDIÆVAL PERIOD. (Not offered in 1925-26.)

Open to students who have completed a course of grade III and by permission of the department to seniors who are taking a course of grade III. Three hours a week for the first semester. MISS AVERY.

308. HISTORY OF CLASSICAL ART. This course will present the principles of Greek and Roman Art as developed from the earliest beginnings

†See note on page 42.

through the Great Periods into Roman, including reference to the minor arts, such as vase painting, coins, etc., as they are related to the main development. Visits to the Museum of Fine Arts in Boston.

Open to students who have completed course 205. Three hours a week for the first semester. MRS. HAWES.

309. HISTORY OF GEORGIAN AND COLONIAL ARCHITECTURE. The aim of this course is to trace the development from the English Tudor style to the Georgian, and show the elements that entered into the design and details of Colonial Architecture in America. Drawing required.

Open to students who have completed course 304. Three hours a week for the second semester. MRS. ROGERS.

310. HISTORY OF MEDIÆVAL AND RENAISSANCE SCULPTURE. (Not offered in 1925-26.)

Open to students who have completed course 205. Three hours a week for a year. MISS AVERY.

NOTE—After *one full course* in the History of Art has been completed, *three hours of practical work* as indicated in 103, 204, above, equivalent to nine hours of practice, may count toward the degree; *four and one-half hours of practical work*, equivalent to thirteen and one-half hours of practice, may so count, if *six hours* in the History of Art have been completed. This practical work is arranged solely to develop such qualities of observation and appreciation as are necessary to the critical study of Art History.

Students in Art courses are required to use laboratory methods, examining and comparing the photographs used in illustration. Special studies in museums are assigned.

Previous preparation in drawing is not required.

The art library is open to students from 8.00 to 5.30 daily, and from 7.15 to 9.15 on certain evenings.

ASTRONOMY

PROFESSOR: JOHN CHARLES DUNCAN,[9] PH.D. (CHAIRMAN.)
ASSISTANT PROFESSOR: LEAH BROWN ALLEN,[4] M.A.
INSTRUCTOR: LOIS TRIPP SLOCUM, M.A.
ASSISTANTS: MARGARET KENDALL HOLBROOK, B.A.
HELEN MAUDE MITCHELL, B.A.
CUSTODIAN: KATHARINE BULLARD DUNCAN.

101. DESCRIPTIVE ASTRONOMY. A general survey of the facts of Astronomy, of the methods by which they are obtained and of the

[4]Absent on leave for the first semester.
[9]Absent on Sabbatical leave for the second semester.

theories that account for them; facts with which every educated person should be familiar if only to understand the astronomical allusions occurring in literature and to be alive to the beauty of the order that is about us.

Open to all undergraduates. Two class appointments, one two-period laboratory appointment, and an average of one hour of evening observations, with an additional class appointment at certain seasons, counting three hours a week for a year.

MR. DUNCAN, MISS ALLEN, MISS SLOCUM, MISS HOLBROOK, MISS MITCHELL.

201. ADVANCED GENERAL ASTRONOMY. (Not given in 1925-26.) This course and course 205 will take up in greater detail many of the topics which are treated in a general way in course 101, and will treat other topics as well. It is intended to meet the requirements of students who, though not specializing in Astronomy, are not satisfied with the knowledge of the subject that can be obtained from a single course. Original memoirs will be consulted and the telescopes used.

Open to students who have completed course 101. Three hours a week for the first semester. MISS ALLEN.

205. ADVANCED GENERAL ASTRONOMY. (Not given in 1925-26.) A continuation of course 201.

Open to students who have completed course 101. Three hours a week for the second semester. MISS ALLEN.

202. PRACTICAL ASTRONOMY. Determination of time with the transit instrument; determination of longitude by moon culminations and radio time-signals.

Open to students who have completed course 101. Three hours a week for the first semester. MISS SLOCUM.

204. PRACTICAL ASTRONOMY. Transformation of co-ordinates; use of the method of least squares; reduction from mean to apparent place; determination of latitude with the zenith telescope.

Open to students who have completed courses 101 and 202. Three hours a week for the second semester. MISS SLOCUM.

203. OBSERVATORY PRACTICE. Use of the observatory equipment in work not covered by courses 202 and 204. The specific subjects will vary from year to year with such changing conditions as the configuration of the planets, the appearance of new stars and comets, the occurrence of eclipses, etc. The course may be taken repeatedly.

Open to students who have completed course 101. One hour a week for a year; by special permission, additional credit up to three hours

may be given for additional work. The amount of work contemplated must be indicated at the time of handing in electives. The consent of the instructors must be obtained before election.

MR. DUNCAN, MISS ALLEN, MISS HOLBROOK.

301. ASTROPHYSICS. Astronomical spectroscopy, photography, and photometry. The laws of radiation. Solar and sidereal physics; stellar motions.

Open to students who have completed Astronomy 101 and Physics 301. Three hours a week for the second semester. When combined with Physics 301 it may be counted toward a major in Astronomy or Physics.

MISS ALLEN.

302. DETERMINATION OF ORBITS. Determination, from three observations, of the elliptic and parabolic orbits of bodies in the solar system. Orbits of visual and spectroscopic binary stars. Theory and practice.

Open to students who have completed Astronomy 101 and a year of Calculus. Three hours a week for a year. MR. DUNCAN, MISS ALLEN.

303. CELESTIAL MECHANICS. (Not offered in 1925-26.) The attraction of bodies of various forms under Newton's law of gravitation. The problems of two and of three bodies. Perturbations.

Open to students who have completed Differential and Integral Calculus. Three hours a week for a year. MR. DUNCAN.

BIBLICAL HISTORY, LITERATURE, AND INTERPRETATION

PROFESSOR: ELIZA HALL KENDRICK, PH.D. (CHAIRMAN.)
ASSOCIATE PROFESSOR: OLIVE DUTCHER, M.A., B.D.
ASSISTANT PROFESSORS: MURIEL STREIBERT CURTIS, B.A., B.D.
LOUISE PETTIBONE SMITH, PH.D.
SEAL THOMPSON, M.A.
GORDON BOIT WELLMAN, TH.D.
INSTRUCTOR: MOSES BAILEY, M.A., S.T.M.

The requirement in Biblical History for a degree is met by courses 101 and 102, followed by either 202 or 205.

101.102. THE DEVELOPMENT OF THOUGHT IN THE OLD TESTAMENT. It is the purpose of this course to offer studies in the development of religion and ethics in the Old Testament. There will be included such historical study of Hebrew national life and such presentation of the literary problems connected with the Old Testament writings as are necessary to make intelligible the development of thought.

Required of sophomores. Course 101, three hours first semester. Course

102, three hours second semester. Course 101 will be offered also in the second semester, and course 102 in the first semester.

MISS DUTCHER, MRS. CURTIS, MISS SMITH, MR. BAILEY.

201. DEVELOPMENT OF THOUGHT IN LATER JEWISH LITERATURE. (Not offered in 1925-26.)

Open to students who have completed courses 101 and 102. Three hours a week for the first semester.

202. THE LIFE OF CHRIST. The aim of this course will be (1) to study the environment of Christ in the government, institutions, manner of life, ideals, and literature of the Jewish people of his time; (2) to follow the unfolding of his life from the historical point of view; (3) to study the teachings of Christ: (*a*) in their historical connections as far as possible; (*b*) topically; (4) to become acquainted with the leading problems regarding the person and work of Christ, with different points of view and with the best literature on the subject.

Open to students who have completed courses 101 and 102. Three hours a week either semester.

MISS KENDRICK, MRS. CURTIS, MISS THOMPSON, MR. WELLMAN.

203. ELEMENTARY HEBREW. (Not given in 1925-26.) The elements of Hebrew grammar, with practice in translation and the memorizing of a vocabulary. Reading of selections from the Old Testament. At the end of the course the student should be able to read simple Hebrew and to use the language in the study of the Old Testament.

Open to juniors and seniors. Three hours a week for a year.

MISS SMITH.

204. THE APOSTOLIC AGE. It is the purpose of this course to offer studies in the essential teachings of Christianity as represented by the several New Testament writers outside of the authors of the Synoptic Gospels. There will be included such historical study of New Testament times and such presentation of the questions connected with New Testament Introduction as are necessary to make intelligible the development of Christian thought.

Open to students who have completed course 202. Three hours a week for the second semester.

MISS THOMPSON, MR. WELLMAN.

205. GREEK TESTAMENT. TEXT STUDY OF THE SYNOPTIC GOSPELS.

Open to students who have completed courses 101 and 102, and who have met the three unit admission requirement in Greek or have taken Greek 101 in college. Three hours a week for the first semester.

MISS KENDRICK.

206. GREEK TESTAMENT. TEXT STUDY OF OTHER NEW TESTAMENT BOOKS.

Open to students who have completed course 205. Three hours a week for the second semester. MISS KENDRICK.

301. HISTORY OF RELIGIONS. Introductory study of primitive religions followed by an outline comparative study of the rise and development of the leading historic faiths.

Open to students who have completed the required courses in Biblical History. Three hours a week for a year. MR. WELLMAN.

302. INTERPRETATIONS OF CHRISTIANITY. The aim of this course will be to trace in the devotional and controversial literature of certain of the most important periods of the Christian Church, from the beginning to the present day, varying conceptions of the essentials of Christianity, to consider the effect upon these conceptions of some of the most important currents of thought of the period studied and to make constant comparison with New Testament religion.

Open to seniors. Three hours a week for a year. MISS KENDRICK.

303. SECOND YEAR HEBREW.

Open to students who have completed course 203. Three hours a week for a year. MR. BAILEY.

BOTANY

PROFESSORS: MARGARET CLAY FERGUSON, PH.D. (CHAIRMAN.)
HOWARD EDWARD PULLING, PH.D.
ASSOCIATE PROFESSORS: LAETITIA MORRIS SNOW, PH.D.
MARY CAMPBELL BLISS, PH.D.
ALICE MARIA OTTLEY,[4] PH.D.,
ASSISTANT PROFESSORS: HELEN ISABEL DAVIS, B.A.
MARY LOUISE SAWYER, PH.D.
MARGARET HEATLEY MOSS,[6] M.A.
INSTRUCTORS: HELEN STILLWELL THOMAS, M.A.
EMILY MARY BARTLETT, PH.D.
BEULAH PEARL ENNIS, PH.D.
ASSISTANT: PRISCILLA PRESBREY, B.A.
LABORATORY ASSISTANTS: IRMGARD BERGER, L.A.
JULIA WILLIAMS JAMES, B.A.
SECRETARY AND CUSTODIAN: LOIS IRENE WEBSTER, B.S.

101. GENERAL BOTANY. This course aims to bring the student into intelligent sympathy with the world of living things, to cultivate the powers of observation and constructive thinking, to teach the fundamental facts of plant life, reproduction and evolution, to give such a knowledge of the cell as is essential to an understanding of the universal laws of heredity and their application. Students are trained to recognize our com-

[4]Absent on leave for the first semester.
[6]Appointed for the first semester only.

mon trees and shrubs in their winter and in their summer aspects and to know various herbaceous plants both in and out of flower.

Open to freshmen, sophomores and juniors. Six periods a week, in general, two of lecture and recitation and four of laboratory or greenhouse or field, counting three hours a week for a year.

MISS FERGUSON, MISS BLISS, MISS SAWYER, MISS THOMAS, MISS BARTLETT, MISS ENNIS.

201. EVOLUTION OF PLANTS. This course seeks to give a general survey of the plant kingdom by means of the study of representative plants of the various phyla. The study of these plants is supplemented by readings and discussions of the general principles and theories of evolution. There will be one or more field trips for the purpose of studying plants in their natural habitats and securing experience in the technique of collecting and pressing plant material.

Open to students who have completed course 101 or its equivalent and to juniors and seniors without prerequisite. Six periods a week, in general, two of lecture and recitation and four of laboratory, counting three hours a week for a semester; offered in both semesters.

MISS BLISS, MISS OTTLEY, MRS. MOSS.

202. ELEMENTARY PHYSIOLOGY. A study of the growth and development of seedlings and mature plants, including flowering and seed formation, from the standpoint of the principal processes concerned and the chief influences of the environment upon them. In general, the plant is considered from the biological point of view as a responsive and self-adjusting mechanism; details of the chemical and physical reactions involved receive only superficial treatment.

Open to students who have completed course 101 or its equivalent and to juniors and seniors without prerequisite. Six periods a week, in general, two of lecture and four of discussion and laboratory, counting three hours a week for a semester; offered in both semesters.

MR. PULLING.

203. TAXONOMY AND GEOGRAPHICAL DISTRIBUTION OF THE SPERMATOPHYTES. This course aims to give the student acquaintance with the Seed-plants of our local flora. Special attention is given to the principles underlying the natural classifications and relationships of the different families, to the historical development of taxonomy from the early herbalists to the present day, and to a general consideration of the factors which have been operative in determining the present geographical distribution of higher plants.

Open to students who have completed course 101 or 201 or 202. Six periods a week, devoted largely to laboratory and field studies, lectures and discussions as desirable, counting three hours a week for the first semester. MRS. MOSS.

204. CULTIVATED PLANTS. This course gives an opportunity for a scientific study of garden plants, their classification, structure, ecology, and physiology, as a basis for their use under various cultural conditions. The lectures are accompanied by laboratory practice in the application of the principles of propagation, nutrition, and general culture of plants, including their requirements of soil, moisture, light, heat, etc., both out of doors and in the greenhouse. Greenhouse management is taken up, and some of the special problems of school gardening are considered.

Open to juniors and seniors who have completed course 201 or its equivalent. Six periods a week, in general, two of lecture and four of discussion and laboratory or greenhouse or field, counting three hours a week for a semester; offered in both semesters. MISS DAVIS.

205. BACTERIA IN RELATION TO DAILY LIFE. A general survey of the field of microbiology. The course introduces the student to the study of bacteriology and aims to give her an intelligent appreciation of what yeasts, molds and bacteria are and the results of their activity in the home and in various situations outside the home, including medicine, public health and agriculture. There will be one trip to a Board of Health which may require half a day.

Open to students who have completed one year of either Botany, Chemistry or Zoology. Six periods a week, in general, two of lecture and four of discussion and laboratory, counting three hours a week for a semester; offered in both semesters. MISS SNOW.

206. PLANT TISSUES. A comparative study of the tissues of the higher vascular plants with special emphasis on the origin and development of these tissues and their distribution in root, stem and leaf. The course includes a brief consideration of the nature and structure of those plant parts which have been preserved in the form of coal.

Open to students who have completed 101 or 201 or 202 or 203. Six periods a week, in general, two of lecture and recitation and four of laboratory, counting three hours a week for the second semester
MISS BLISS.

301. NATURAL HISTORY OF THE THALLOPHYTES AND BRYOPHYTES. A study of the structure and classification of the Algae, Fungi, Lichens, Liverworts, and Mosses, of the occurrence of these plants in nature, and of their adaptation to the environment. All who have an opportunity to become acquainted with the plants treated in this course will find in them a never-failing interest, equally available at all seasons of the year. A considerable number of class appointments will be devoted to field-trips for the study of the plants in their natural habitats.

Open to juniors and seniors who have completed courses 201, and 202 or 203 or 206 or their equivalent. Six periods a week, in general, two

of lecture and four of discussion and laboratory, counting three hours a week for the second semester. MISS BARTLETT.

302. COMPARATIVE MORPHOLOGY OF THE FERNS, GYMNOSPERMS, AND ANGIOSPERMS. (Not given in 1925-26.)

304. PATHOLOGY OF THE HIGHER PLANTS. A general course on the diseases of plants. The structure, pathological processes and effects of representative fungi on plants of either economic or ornamental value are studied. A short time is devoted to a study of the methods used in cultivating fungi. Modern methods of combating plant diseases are briefly considered from the standpoint of the principles that underlie them.

Open to juniors and seniors who have completed courses 201, and 202 or 203 or 206 or their equivalent. Six periods a week, in general, two of lecture and recitation and four of laboratory or field, counting three hours a week for the first semester. MISS BARTLETT.

305. ECOLOGY. (Not offered in 1925-26.)

306. PHYSIOLOGY. Experiments, lectures, discussions, and readings designed to acquaint the student with the higher plants as working organisms. The experiments embody problems in, to a greater extent than demonstrations of, the fundamental activities of the higher plants in relation to their environment. It is planned that increased precision in laboratory manipulation shall keep pace with the student's growing knowledge of physiological methods.

Open to juniors and seniors who have completed six year-hours of Botany in college and who have completed or are taking a year of either Chemistry or Physics. The prerequisite in Botany must include courses 201, and 202 or 203 or 206. Six periods a week, in general, two of lecture and four of discussion and laboratory, counting three hours a week for a year. MR. PULLING.

307. CYTOLOGY AND GENETICS. Studies in the structure of the cell; the phenomena of cell division; the constitution of the reproductive cells with special reference to the theories of heredity and evolution. The relation between definite cell structures and visible plant characteristics will be determined by a study of their inheritance in cross breeding and in mutation. Each student is assigned a practical problem in plant breeding as a basis for the study of the behavior of pure lines in hybridization and the origin and transmission of characters.

Open to juniors and seniors who have completed six year-hours of Botany in college. This prerequisite must include either course 302 or 201 with 202 or 203 or 206. Six periods a week, in general, two of

lecture and discussion and four of laboratory or greenhouse, counting three hours a week for a year.

MISS FERGUSON, MISS ENNIS, MISS PRESBREY.

308. GENERAL BACTERIOLOGY. The work of the first semester is designed to give the student a knowledge of the morphology and activities of bacteria. Emphasis is laid upon the principles underlying fermentation, preservation of foods, methods of sterilization, antiseptics, soil fertility, etc. The student becomes familiar with methods of making media, plating, making of transfers, staining, etc. This technique will be used during the second semester in the study of selected problems, such as the milk and water supplies, sewage disposal and disease.

Open to juniors and seniors who have completed one year of Chemistry and either one year of Botany or Zoology, or a second year of Chemistry. Six periods a week, in general, two of lecture and discussion and four of laboratory, counting three hours a week for a year. MISS SNOW.

309. LANDSCAPE GARDENING. This course continues the study of ornamental plants, placing special emphasis upon their use in landscape gardening. The great historical styles in garden design, and the fundamental principles governing art are studied as a basis for the appreciation of modern landscape architecture. The laboratory practice gives training in methods of developing the landscape plan as adapted to the small estate. This course is intended primarily to give an intelligent appreciation of landscape gardening as a fine art.

Open to students who have completed course 204, and by special permission to seniors who are taking 204. Six periods a week, in general, two of lecture and four of discussion and laboratory or field, counting three hours a week for the first semester. MISS DAVIS.

310. LANDSCAPE DESIGN. This course continues the study of principles introduced in course 309, but lays more emphasis upon specific methods of carrying out these principles with landscape materials. A summary of the fundamentals of good construction is also included. Trips are taken as often as possible for observation and study of actual examples of the art.

Open to students who have completed course 309. Six periods a week, in general, two of lecture and four of discussion and laboratory, counting three hours a week for the second semester. MISS DAVIS.

322. PLANT PROBLEMS. A special problem, for independent investigation, in one of the following subjects is assigned to each student: (1) Embryology and Genetics; mitosis, sporogenesis, spermatogenesis, oogenesis, fertilization, inheritance, plant breeding. (2) Physiology and Experimental Morphology; nutrition, growth, development, effects of

stimuli on cell activities, structure variations in relation to environment. (3) Comparative Morphology and Taxonomy of Vascular and Non-vascular Plants; advanced studies in plant anatomy.

Open to graduate students and, by permission of the department, to seniors. Three or six hours a week for a year.

Miss Ferguson, Mr. Pulling, Miss Snow, Miss Bliss, Miss Ottley, Miss Sawyer.

CHEMISTRY

Professor: Helen Somersby French, Ph.D. (Chairman.)
Associate Professors: Charlotte Almira Bragg, B.S.
Mary Amerman Griggs, Ph.D.
Ruth Johnstin,[3] M.A.
Instructor: Helen Thayer Jones, Ph.D.
Assistants: Hulda Elizabeth Acly, B.A.
Elizabeth Lord Cobb, B.A.
Anne Davenport Caldwell, B.A.

101. Elementary Chemistry. Lectures and Laboratory Work. Course 101 is for beginners in Chemistry, and is intended to familiarize the student with the important properties of the elements and their compounds, with their modes of preparation, and with such tests as shall lead up to the study of systematic Qualitative Analysis; also to present the laws governing chemical reactions, the meaning of chemical equations, and the more recent theories adopted in the science.

Open to students who do not offer Chemistry for admission. Three periods of lecture and recitation and one three-period laboratory appointment a week, counting three hours a week for a year.

Miss Bragg, Miss Jones, Miss Acly.

103. Inorganic Chemistry. (Not given in 1925-26.) Laboratory work. (This course supplements Chemistry 101.)

Open to students who are taking or have taken Chemistry 101. One three-period laboratory appointment, counting one hour a week for a year.

Miss Bragg.

102. General Chemistry. This course is intended for those students who have offered Chemistry for entrance, and who plan to major in Chemistry in college. It aims to give a brief intensive review of the preparatory work in Chemistry, with such additional study, particularly of the metallic elements and the theories of solutions, as shall prepare the students for the grade II courses in the department.

Open to students who have completed the admission requirement or its equivalent, and who are electing course 104 or 201. Three periods

[3]Absent on leave.

of lecture and recitation and one three-period laboratory appointment a week, counting three hours a week for the first semester.

MISS FRENCH, MISS CALDWELL.

104. INORGANIC CHEMISTRY. This course is intended to follow and supplement Chemistry 102.

Open to students who have completed course 102. Three periods of lecture and recitation and one three-period laboratory appointment a week, counting three hours a week for the second semester. MISS BRAGG.

201. QUALITATIVE ANALYSIS. A system of analysis for the detection of the common metals and acid radicals with the application of theoretical principles to the reactions involved. The laboratory work includes practice in the solution and analysis of substances unknown to the student.

Open to students who have completed course 101 or 102. One or two periods lecture and six periods of laboratory a week, counting three hours a week for a semester. Offered in both semesters.

MISS GRIGGS, MISS COBB.

202. QUANTITATIVE ANALYSIS. This course is designed to give training in gravimetric and volumetric analysis. The theories discussed in course 201 are applied to the work of the laboratory, and problems related to the work are included in the class discussions.

Open to students who have completed course 201. One period of lecture and six periods of laboratory a week, counting three hours a week for a semester. Offered in both semesters. MISS GRIGGS.

204. CHEMISTRY IN ITS APPLICATIONS TO DAILY LIFE. (Not offered in 1925-26.)

Open to students who have completed course 101 or 102. Three hours a week for the first semester.

205. QUANTITATIVE ANALYSIS. A continuation of course 202.

Open to students who have completed course 202. One period of lecture and six periods of laboratory a week, counting three hours a week for the second semester. MISS GRIGGS.

301. ORGANIC CHEMISTRY, WITH LABORATORY WORK IN ORGANIC PREPARATIONS.

Open to juniors and seniors who have completed or are taking courses 201 and 202 and, by special permission, to seniors who have completed courses 102 with 104 or 201, or 101. Three periods of lecture and recitation and one three-period laboratory appointment a week, counting three hours a week for a year. MISS FRENCH, MISS CALDWELL.

302. ADVANCED LABORATORY COURSE IN ORGANIC CHEMISTRY.

Open to students who have completed course 301. Two periods of lecture and recitation, six to seven periods of laboratory a week, counting three hours a week for the first semester. MISS FRENCH.

303. QUANTITATIVE ANALYSIS. (Not given in 1925-26.) This course includes the complete quantitative analysis of some more complex inorganic substances.

Open to juniors and seniors who have completed courses 201 and 202. Two periods of lecture and recitation and six periods of laboratory a week, counting three hours a week for the first semester. MISS GRIGGS.

304. CHEMISTRY OF FOOD AND NUTRITION. A study of the Chemical composition of food materials and the function of various kinds of food in nutrition. The laboratory work includes a study of the standard methods of analysis of food products such as are used in determining their nutritive value and in detecting adulteration.

Open to students who have completed course 202 and who have completed or are taking course 301. Physiology 308 is recommended as a parallel course. Two periods of lecture and recitation and five of laboratory a week, counting three hours a week for a year. MISS JONES.

305. THEORETICAL AND PHYSICAL CHEMISTRY.

Open to seniors who have completed or are taking course 301 and have completed or are taking a year of college Physics. Three hours a week for the second semester. MISS FRENCH.

306. LABORATORY WORK IN PHYSICAL CHEMISTRY.

Open to seniors and graduates who have completed or are taking course 305. One or two periods of lecture and seven or six of laboratory a week, counting three hours a week for the second semester. MISS FRENCH.

307. INORGANIC CHEMISTRY. This course makes use of the laboratory work of the courses taken in preceding years.

Open to students who have completed courses 202 and 301. Three hours a week for the second semester. MISS BRAGG.

308. QUALITATIVE ANALYSIS. (Not given in 1925-26.)

Open to juniors and seniors who have completed courses 201 and 202. Two periods of lecture and recitation and six of laboratory a week, counting three hours a week for the second semester. MISS GRIGGS.

ECONOMICS AND SOCIOLOGY

PROFESSORS: JANE ISABEL NEWELL.[9] PH.D.
HENRY RAYMOND MUSSEY, PH.D.
ASSOCIATE PROFESSOR: ELIZABETH DONNAN, B.A. (CHAIRMAN.)
INSTRUCTORS: DAVIDSON RANKIN MCBRIDE, B.A.
LAWRENCE SMITH, M.A.
WALTER BUCKINGHAM SMITH, M.A.
MARJORIE CLAIRE WARREN.[7] B.A.
GRADUATE ASSISTANTS: ELEANOR KATHERINE CARTER, B.A.
SELMA ROGERS, M.B.A.

Economics

101. INTRODUCTION TO ECONOMICS AND SOCIOLOGY. A study of the evolution of industry, a description and analysis of the outstanding features of present industrial society and an examination of the economic and social problems involved in the present distribution of wealth, and of methods and programmes for dealing with such problems.

Open to sophomores, juniors, and seniors. Three hours a week for a year. MR. MUSSEY, MISS DONNAN, MR. MCBRIDE, MR. L. SMITH, MR. W. B. SMITH.

204. ECONOMIC HISTORY OF THE UNITED STATES. A study of our national development in its material and social aspects, with special emphasis upon the western movement in the United States and the growth of business combinations.

Open to students who have completed or are taking course 101. Three hours a week for the second semester. MISS DONNAN.

209. ECONOMIC HISTORY OF ENGLAND. This course will include a survey of the chief stages in English economic history, but especial attention will be devoted to the period since the industrial revolution.

Open to students who have completed or are taking course 101. Three hours a week for the first semester. MISS DONNAN.

210. THE FINANCIAL ORGANIZATION OF SOCIETY. A study centering about the field of money, credit, and prices in their relations to industry. Stress is laid on monetary principles with reference to the United States and Europe; investment banking, corporation finance and the stock exchange, commercial banking and the business cycle.

Open to students who have completed course 101. Three hours a week for a year. MR. L. SMITH.

301. SOCIALISM AND SOCIAL REFORM. A critical study of certain economic and social theories, especially socialism and syndicalism.

Open to juniors and seniors who have completed course 308. Three hours a week for the second semester. MR. MUSSEY.

[7]Appointed for the second semester only.
[9]Absent on Sabbatical leave for the second semester.

305. RAILROADS: RATES AND REGULATION. A survey of some of the economic and social problems arising in connection with our modern means of transportation.

Open to juniors and seniors who have completed or are taking course 210; also to seniors who completed course 309 in 1924-25. Three hours a week for the second semester. MR. W. B. SMITH.

307. INDUSTRIAL AND SOCIAL LEGISLATION. A study of industrial and social conditions and their regulation by means of legislation.

Open to juniors and seniors who have completed or are taking any grade II course in the department. Three hours a week for the first semester. MR. MCBRIDE.

308. THE MODERN LABOR MOVEMENT. A study of the contemporary labor situation with special reference to labor organizations.

Open to juniors and seniors who have completed or are taking three hours of grade II work in Economics. Three hours a week for the first semester. MR. MUSSEY.

310. PUBLIC FINANCE. A study of the principles underlying public expenditures, borrowing, and taxation.

Open to juniors and seniors who have completed or are taking course 210; also to seniors who completed course 309 in 1924-25. Three hours a week for the first semester. MR. MUSSEY.

313. SEMINAR: SELECTED TOPICS IN THE HISTORY OF AMERICAN ECONOMIC AND SOCIAL MOVEMENTS AND THEORIES.

Open to graduates and approved seniors who are taking a major in the department. Three hours a week for the second semester. MISS DONNAN.

314. FOREIGN TRADE AND INVESTMENT. The principles of international trade in their present application to the United States.

Open to juniors and seniors who have completed or are taking course 210; also to seniors who completed course 309 in 1924-25. Three hours a week for the second semester. MR. MUSSEY.

317. HISTORY OF ECONOMIC THEORY. A study of the development of economic thought, with special emphasis on the relations between economic conditions and economic thinking in the nineteenth century.

Open to seniors who have completed a grade II course in Economics. Three hours a week for the first semester. MISS DONNAN.

318. VALUE AND DISTRIBUTION. (Not offered in 1925-26.) A study of current economic thought with special emphasis on those aspects which diverge from 19th century doctrine.

Open to seniors who have completed 317. Three hours a week for the second semester. MISS DONNAN.

Sociology

202. PRINCIPLES OF SOCIOLOGY. An introduction to the study of association,—including consideration of the geographic, biologic, psychologic, and technic factors conditioning societal evolution and social progress.

Open to juniors and seniors who have completed or are taking course 101 and by special permission to juniors and seniors who have completed or are taking a second course in History or Government. Three hours a week for the first semester. MISS NEWELL.

208. SOCIAL ECONOMY. A study of the causes, characteristics, and social control of dependency and crime.

Open to juniors and seniors who have completed course 202. Three hours a week for the second semester. MISS WARREN.

304. MUNICIPAL SOCIOLOGY. The subject of this course is the American city of to-day; its organization and its functioning to meet normal social needs. It includes such topics as housing, city planning, sanitation, recreation, education.

Open to juniors and seniors who have completed or are taking course 202 and any other grade II course in Sociology, Economics, History, or Government. Three hours a week for the first semester.

MR. MCBRIDE.

311. SOCIAL AND ECONOMIC INVESTIGATION. A study of current methods of collecting, interpreting, and presenting statistical material relating to social and economic problems.

Open to juniors and seniors who have completed or are taking any grade II course in the department. Three periods of lecture and recitation and one three-period laboratory appointment, counting three hours a week for a year. MR. W. B. SMITH.

312. THE FAMILY. A study of the origin, evolution, and current problems of the family as a social institution, emphasizing throughout the social and legal status of women as members of the family.

Open to seniors who have completed or are taking course 202 and any other grade II course in Sociology, Economics, or History. Three hours a week for a year; given as a first semester course in 1925-26.

MISS NEWELL.

315. IMMIGRATION. A study of immigration into the United States, the elements represented, and their geographical distribution; the social, political, and economic influence of our foreign populations; the history of restrictive legislation, and the arrangements thus far provided for the reception and care of aliens.

Open to juniors and seniors who have completed or are taking course 202 and any other grade II course in Sociology, Economics, or History. Three hours a week for the second semester. MR. MCBRIDE.

316. HISTORY OF SOCIAL THEORIES. The course aims to acquaint the student with the development of sociological thought through a study of the special contributions of such writers as Hobbes, Locke, Rousseau, Malthus, Comte, Spencer, Mill, Ratzel, Galton, Ward, Giddings, Ross, Wallas.

Open to seniors who have completed course 202 and any other grade II course in Economics, Sociology, or History. Three hours a week for the second semester. MR. MCBRIDE.

EDUCATION

PROFESSORS : ARTHUR ORLO NORTON,[2] M.A.
ANNA JANE MCKEAG, PH.D., LL.D. (CHAIRMAN.)
LECTURERS : MATILDA REMY, B.S. IN ED.
ARTHUR HERBERT WILDE, PH.D.
LESLIE OLIN CUMMINGS,[6] M.A., ED.D.
BANCROFT BEATLEY,[7] M.A., ED.D.
ABIGAIL ADAMS ELIOT, B.A.
ASSISTANTS : GRACE ALLERTON ANDREWS, M.A.
MILDRED NUTTER FROST, M.A.
FRANCES MARIE BURLINGAME, ED.M.

The Department of Education offers both undergraduate and graduate courses. Six hours of work may be counted toward the B.A. degree. Full work for the M.A. degree is offered.

201. MODERN EDUCATION: PRINCIPLES AND INSTITUTIONS. This course is organized to meet the needs not only of prospective teachers but also of all who are interested in the intelligent direction of education as a phase of civic or social service. It is a study of the practices, theories, and problems of modern education. The work of the course is illustrated by visits to assigned schools for the observation of children and of classroom practice, and by examples of school work. Throughout this course the applications of Psychology to Education are considered and discussed.

Open to juniors who have completed or who are taking the required course in Philosophy, and to seniors. Three hours a week for a year.
MISS MCKEAG, MR. CUMMINGS, MR. BEATLEY.

[2]Absent on Sabbatical leave.
[6]Appointed for the first semester only.
[7]Appointed for the second semester only.

202. HISTORY OF EDUCATION. The purpose of the year's work is to study in some detail the most important events in the history of European and American education, and their effects on the present course of educational affairs. The lectures are constantly illustrated by original manuscripts, facsimiles, early editions of noted text-books, and similar historical documents, by translations from the sources, and by numerous lantern slides.

Open to juniors who have completed or are taking the required course in Philosophy, and to seniors. Graduates may elect this course under certain conditions. Three hours a week for a year. MR. WILDE.

301. SECONDARY EDUCATION. The principles and methods of secondary education, with special reference to the high schools of the United States. A study will be made of approved methods of teaching English, foreign languages, sciences, mathematics, and history in high schools. Opportunity will be given for observation of the work of specially successful high school teachers in the subject which the student expects to teach. In connection with this course the department of Education requires from graduates a semester of practice teaching in a high school.

Open by permission to seniors who have completed a full course in Education, and to graduates. Three hours a week for a year. Students who take course 302 or 303 are permitted to count the first semester of 301 as a semester course. MISS MCKEAG.

302. PRINCIPLES AND PROBLEMS OF RELIGIOUS EDUCATION. (Not given in 1925-26.) A study of the principles of education as applied to the teaching of religion; forms and methods of conduct control in the direction of the Christian ideal; survey and evaluation of available curricular materials for religious teaching; selected practical problems in the teaching of religion in the home, the school, the church school, and the community.

Open to seniors who have completed Education 201. Students who elect this course may also elect the first semester of course 301 as a semester course. Three hours a week for the second semester.

303. PRINCIPLES AND METHODS OF TEACHING FRENCH IN SECONDARY SCHOOLS. (Not offered in 1925-26.) The aim of this course is to teach the students how to impart to their pupils, in the shortest possible time, a speaking, understanding, reading, and writing knowledge of French. The instructor will deal with the several aspects of modern language work, such as the teaching of vocabulary, of grammar, of composition, and of translation; the selection and use of books, the equipment of the teacher and of her department in the high school.

Open to seniors who have completed or are taking French 305, and who have also completed Education 201. Students who take this course

may also take the first semester of Education 301 as a semester course. Three hours a week for the second semester.

321. PROBLEMS IN EDUCATION. (Not offered in 1925-26.) The subject-matter of this course will vary from year to year in accordance with the equipment and needs of students. The topics for study will be chosen from the field of experimental or statistical investigation or from that of the general science of education.

Open to graduates who have completed a full course in Education. Three hours a week for a year. MISS MCKEAG.

322. THE HISTORY, THEORY, AND PROBLEMS OF THE KINDERGARTEN. Froebel, the founder of the kindergarten. The sources and the development of kindergarten theory and practice. Current problems of the kindergarten; the relation of the kindergarten to the primary school and to the home; methods of developing initiative and thinking; the reorganization of kindergarten materials; the restatement of Froebelian principles.

Open to seniors and to graduates who have completed Philosophy 101.102, or an equivalent, and one full course in Education. (Graduates must ordinarily take courses 322 and 323 together.) Three hours a week for a year. MISS REMY.

323. KINDERGARTEN PRACTICE: MATERIALS, METHODS. (Not offered in 1925-26.) Course 323 deals in general with practical applications of the theory given in course 322. It includes on the one hand a detailed study of the materials, exercises, and methods of the kindergarten, and on the other, extensive observation of their use, with practice in teaching.

Open to graduates only. This course presupposes or is to be taken with 322. (*See note on page 60.*) *Four hours a week for a year.* MISS REMY.

324. ELEMENTARY EDUCATION: HISTORY, THEORY, PRACTICE, AND PROBLEMS. (Not offered in 1925-26.) Course 324 includes a detailed study of present elementary school practice, a critical discussion of the principles which underlie that practice, and the investigation of selected problems in elementary education. The purpose of the course is to give to each student a knowledge of existing conditions and problems, some facility in handling the tools and methods of practical research in this field, and ability to formulate her views as to the ideas, scope, and work of the elementary schools.

Open to graduates who have completed Philosophy 101, or an equivalent, and one full course in Education. Three hours a week for a year.

325. HISTORY OF EDUCATION. (Not offered in 1925-26.) This course covers the same periods in the history of education as course 202, but

with additional reading, critical examination of the materials, and a detailed study of one or more topics from the sources. It is intended for graduate students who have had no general course in the history of education.

Open to graduates who have completed a full course in Education. Three hours a week for a year.

NOTE.—Graduates must ordinarily take courses 322 and 323 together. They will occupy slightly less than two-thirds of the student's time for the year. Students who are preparing to conduct kindergartens or kindergarten training classes are required to take a third course, usually in Education, to be determined on consultation with the chairman of the Department of Education. Ability to play on the piano the music of kindergarten songs and games is a prerequisite of these courses.

ENGLISH

I. English Language and Literature

PROFESSORS: VIDA DUTTON SCUDDER, M.A., L.H.D.
MARGARET POLLOCK SHERWOOD,[5] PH.D., L.H.D.
ALICE VINTON WAITE,[6] M.A.
MARTHA HALE SHACKFORD, PH.D.
LAURA EMMA LOCKWOOD, PH.D. (CHAIRMAN.)
ASSOCIATE PROFESSORS: CHARLES LOWELL YOUNG, B.A.
MARTHA PIKE CONANT, PH.D.
ALICE IDA PERRY WOOD, PH.D.
LAURA HIBBARD LOOMIS, PH.D.
HELEN SARD HUGHES, PH.D.
ELIZABETH WHEELER MANWARING, PH.D.
ASSISTANT PROFESSORS: ANNIE KIMBALL TUELL, PH.D.
KATHARINE CANBY BALDERSTON, PH.D.
EDWARD CHARLES EHRENSPERGER, PH.D.
VISITING PROFESSOR: HELEN DARBISHIRE, M.A.
ASSISTANT: ALFARATA BOWDOIN HILTON, B.A.
GRADUATE ASSISTANT: PHYLLIS BROOKS BARTLETT, B.A.

101. OUTLINE HISTORY OF ENGLISH LITERATURE. The course traces the essential outlines of English literary history, presents the leading types of prose and poetry, and gives training in critical appreciation. The work is conducted by lectures and by studies of selected masterpieces.

Open to freshmen, sophomores, and juniors. Three hours a week for a year. MISS BALDERSTON, MISS TUELL, MISS CONANT, MISS HUGHES.

201. ENGLISH MASTERPIECES. The course is intended to develop a sympathetic appreciation of literature through the study of chosen masterpieces. The work includes readings from Shakespeare, Scott, Jane

[5]Absent on leave.
[6]Absent on Sabbatical leave for the first semester.

Austen, Thackeray, Carlyle, Arnold, Ruskin, Wordsworth, Browning; ballads; short stories; and if time permits, some recent verse.

Open only to seniors who have completed no full course in the department, or course 101 only. Three hours a week for a year.

MISS CONANT.

202. AMERICAN LITERATURE. The course attempts to give a comprehensive account of American literature. It studies the Colonial and Revolutionary sources of American idealism, the rise of imaginative literature in the Middle States, the florescence of Puritan culture in New England, the achievement of democratic nationality in the mid-nineteenth century, the literature of the country at large after the Civil War, and contemporary literature, especially the new poetry.

Open to students, except freshmen, who have completed or are taking a grade I course, and to all seniors. Three hours a week for a year.

MR. YOUNG.

204. MILTON. The primary object of the course is the critical study of Milton as a master in lyric, epic, and dramatic poetry, and as a writer of notable prose. The character and genius of the poet are considered as influenced by the political and religious conflict of the times. Special emphasis is placed on the comparison of Milton's work with that of other great writers who have used the same literary forms.

Open to students, except freshmen, who have completed or are taking a grade I course. Three hours a week for a year. MISS LOCKWOOD.

205. THE BRITISH BALLAD. (Not offered in 1925-26.) The course studies the English and Scottish popular ballad and the modern literary ballad. Special attention will be given to folk-lore elements in the ballad and to the significance of the recent revival of interest in folk dance and story.

Open to students, except freshmen, who have completed or are taking a grade I course. Three hours a week for the first semester.

MRS. LOOMIS.

206. THE ENGLISH NOVEL: THE RISE OF TYPES. The course deals with selected stages in the progress of the English novel, placing emphasis upon Richardson, Fielding, Smollett, and Sterne. It treats chiefly the realistic novel, but makes some study of romance from Sidney to Scott.

Open to students, except freshmen, who have completed or are taking a grade I course. Three hours a week for a semester; offered in both semesters. MISS TUELL.

207. ARTHURIAN ROMANCE. The course begins with those legends in ancient Celtic literature which influenced later Arthurian story, traces the historical development of Arthurian tradition through mediæval chronicles and verse romances, and centers in the study of the sources and significance of Malory's *Morte Darthur*.

Open to students, except freshmen, who have completed or are taking a grade I course. Three hours a week for the first semester.

MRS. LOOMIS.

208. CHAUCER. The course emphasizes the study of Chaucer's life and times, of his development as a poet, and the influence upon him of his chief Latin, French, and Italian sources.

Open to students, except freshmen, who have completed or are taking a grade I course. Three hours a week for the second semester.

MRS. LOOMIS.

209. VERSIFICATION. The course has as its object such study of the principles of English versification as may give to the student of literature a keener appreciation of poetic expression; and in particular, for those interested in writing verse, opportunity for experiment and criticism.

Open to students, except freshmen, who have completed or are taking one full course in the department of English Literature, and also to those majoring in English Composition. One hour a week for a year.

MISS MANWARING.

301. SOCIAL IDEALS IN ENGLISH LETTERS. Study of selected masterpieces from the social point of view. Rapid reading of *Piers Plowman*, More's *Utopia*, Swift's *Gulliver's Travels;* more careful work with Burke and the Revolutionary poets, and with the prose and poetry of the Victorian Age.

Open to seniors who have completed two full courses in English Literature or Economics or History, or who have completed one full course in any of these departments and are taking another course. Three hours a week for a year.

MISS SCUDDER.

302. TENDENCIES OF TWENTIETH CENTURY POETRY. The course proposes to point out the special significance, as related to the English tradition, of the work of certain contemporary English poets, especially those who have won distinction since 1900.

Open only to juniors and seniors who have already completed two full courses in the department. One hour a week for a year.

MISS BALDERSTON.

303. CONTEMPORARY DRAMA. (Not offered in 1925-26.) The modern English drama is considered in relation to parallel European drama.

Open to students who have completed two full courses above grade I in the department. Two hours a week for a year. MISS WAITE.

304. DEVELOPMENT OF ENGLISH DRAMA. The course traces the history of English drama from the beginnings in folk plays and the liturgy of the Church, through the Miracles and Moralities, the Elizabethan dramatists, and the comedy and tragedy of the seventeenth and the eighteenth centuries, to the final development into contemporary forms.

Open to juniors and seniors who have completed a grade I course, and have completed or are taking a full year course or two semester courses of grade II. Three hours a week for a year. MISS WOOD.

305. SHAKESPEARE: SELECTED PLAYS. Close study of six plays, selected to illustrate Shakespeare's earlier and later work. The course emphasizes the literary study of Shakespeare. It gives opportunity for training in imaginative, scholarly, vital study of the text.

Open to juniors and seniors who have completed a grade I course, and have completed or are taking a full year course or two semester courses of grade II. This course is not open to students who have completed or are taking course 309. Three hours a week for a year.

MISS CONANT.

306. VICTORIAN PROSE. The course considers distinctive examples of Victorian prose, making a comparatively even division of time between the essay and the novel. The stress in class is laid upon Dickens, Carlyle, Newman, Thackeray, George Eliot, Ruskin, Arnold, Meredith, with briefer study of the minor novelists, and some notice of late Victorians.

Open to juniors and seniors who have completed a grade I course, and have completed or are taking a full year course or two semester courses of grade II. Three hours a week for a year. MISS TUELL.

307. ENGLISH POETRY OF THE NINETEENTH CENTURY. The course considers the work of the great Georgian and Victorian poets in their relation to one another and to contemporary thought. Extended study is given to Wordsworth and Coleridge; Shelley and Keats; Tennyson and Browning; with briefer readings from Byron, Scott, Landor, Clough, Arnold, Rossetti, Morris, and Swinburne.

Open to juniors and seniors who have completed a grade I course, and have completed or are taking a full year course or two semester courses of grade II. Three hours a week for a year. MISS DARBISHIRE.

308. HISTORICAL DEVELOPMENT OF ENGLISH LITERATURE. (Not offered in 1925-26.) The course traces the development of English literature

from the time of *Beowulf* to the end of the Victorian age. It aims to focus attention upon successive phases of national thought and life as expressed in salient and representative books.

Open to graduates, and required of seniors who are majoring in English Literature and have not had course 101 or its equivalent. Three hours a week for a year. MISS LOCKWOOD.

309. SHAKESPEARE. This course attempts to trace the development of Shakespeare's thought and art. All of the plays and the sonnets will be read and discussed; a few selected plays will be studied closely. Material illustrating the historical and the literary background will be considered.

Open to juniors and seniors who have completed course 101, and have completed or are taking a full year course or two semester courses of grade II. This course is not open to students who have completed or are taking Course 305. Three hours a week for a year. MISS SHACKFORD.

310. EIGHTEENTH CENTURY LITERATURE. The first semester will be devoted chiefly to the study of the writings of Addison, Steele, Swift, Pope, and Defoe; the second semester to Dr. Johnson and his circle. The emphasis will be laid on the rise and development of satire as related to political life, on the periodical and its popularity, on literary criticism, and on the relation between the poetry and prose of the century.

Open to juniors and seniors who have completed a grade I course, and have completed or are taking a full year course or two semester courses of grade II. Three hours a week for a year. MISS LOCKWOOD.

312. HISTORY OF THE ENGLISH LANGUAGE. (Formerly English Language 302.) The course presents the origin and structure of the English Language in vocabulary, grammatical inflections, and syntax as the basis of modern usage.

Open to juniors and seniors. Three hours a week for a year. MR. EHRENSPERGER.

321. MODERN AUTHORS. Two authors are chosen each year for special study. In 1925-26 these authors will be Shelley and Browning.

Open to graduates, and to approved seniors who are taking a twelve-hour major in the department. Three hours a week for a year. MISS SCUDDER.

322. ENGLISH ROMANTICISM. A study of the Romantic Movement in England, from its beginnings in the eighteenth century, on through the work of the early nineteenth century poets. Certain phases of the relation of English to German literature and to French literature during the period of reaction are studied.

Open to graduates, and to approved seniors who are taking a twelve-hour major in the department. Three hours a week for a year. MISS DARBISHIRE.

323. CRITICAL STUDIES IN ENGLISH DRAMA. The course proposes to give graduate training in literary investigation. To each student is assigned some special problem of source, authorship, or the like, which she pursues until her conclusion is reached, reporting progress from week to week in the seminar.

Open to graduates, and to approved seniors who are taking a twelve-hour major in the department. Three hours a week for a year.

MR. EHRENSPERGER.

324. CRITICAL STUDIES IN AMERICAN LITERATURE. The course is designed for advanced work in American literature.

Open to graduates, and to approved seniors who are taking a twelve-hour major in the department. Three hours a week for a year.

MR. YOUNG.

325. BEGINNINGS OF THE ENGLISH RENAISSANCE FROM CAXTON TO SHAKESPEARE. (Not offered in 1925-26.) The course aims to give graduate training, and so to present the beginnings of the English Renaissance that the student may rightly estimate the achievements of the great Elizabethans.

Open to graduates, and to approved seniors who are taking a twelve-hour major in the department. Three hours a week for a year.

MISS CONANT.

326. MEDIÆVAL ENGLISH LITERATURE. (Not given in 1925-26.) The course introduces students to the types of literature growing out of the social and religious movements of the thirteenth and fourteenth centuries. Extended study is given to the works of Chaucer and to the problems in criticism and scholarship to which they give rise.

Open to graduates, and to approved seniors who are taking a twelve-hour major in the department. Three hours a week for a year.

MRS. LOOMIS.

327. SEMINAR IN OLD ENGLISH. (Formerly English Language 303.) A study of Old English inflections, phonology, and syntax. The reading of the best pieces of literature in Old English prose and poetry. A particular problem in either literature or language is assigned to each student for investigation.

Open to graduates, and to seniors by permission of the department. Three hours a week for a year. MR. EHRENSPERGER.

For course in Greek Literature in English Translations see Department of Greek.

II. English Composition

PROFESSOR: SOPHIE CHANTAL HART, M.A. (CHAIRMAN.)
ASSOCIATE PROFESSORS: AGNES FRANCES PERKINS, M.A.
JOSEPHINE HARDING BATCHELDER, M.A.
HELEN SARD HUGHES, PH.D.
ALFRED DWIGHT SHEFFIELD,[3] M.A.
ELIZABETH WHEELER MANWARING, PH.D.
ASSISTANT PROFESSOR: BERTHA MONICA STEARNS, M.A.
INSTRUCTORS: EDITH CHRISTINA JOHNSON, M.A.
DOROTHY LOUD BROWN, B.A.
ELIZABETH LOIS MANN, M.A.
HELEN DRUSILLA LOCKWOOD, M.A.
RUTH ELIZABETH HILLYAR, M.A.

101†. REQUIRED FRESHMAN COMPOSITION. First semester: expository writing, with emphasis on structure. Weekly themes. Second semester: expository writing, critical and interpretative; description; simple narration. Fortnightly themes or their equivalent.

Required of freshmen. Three hours a week for a year.
MISS PERKINS, MISS BATCHELDER, MISS HUGHES, MISS MANWARING, MISS STEARNS, MISS JOHNSON, MRS. BROWN, MISS MANN, MISS LOCKWOOD, MISS HILLYAR.

102. CONTINUATION COURSE IN COMPOSITION.
Required of students who have made D grade in the second semester of course 101. Three hours a week for one semester. MISS MANN.

201. ORAL EXPOSITION. (Not offered in 1925-26.) The analysis of contemporary subjects, and the preparation of written outlines and of speeches based upon them.

Open to sophomores and juniors who have completed course 101. Three hours a week for the first semester. MR. SHEFFIELD.

202. SPECIAL TYPES OF ORAL EXPOSITION. (Not offered in 1925-26.) This course is a continuation of course 201. The work deals with the methods of organization and presentation in group discussion.

Open to sophomores and juniors who have completed course 101. Three hours a week for the second semester. MR. SHEFFIELD.

203. STUDIES IN JOURNALISTIC WRITING. A critical study of selected types of journalistic writing: the news story, the editorial, the book and play review, the "column," and the special article, as exemplified in some English and American newspapers. Fortnightly themes or their equivalent.

Open to sophomores and juniors who have completed course 101. Three hours a week for the first semester.
MISS PERKINS, MISS BATCHELDER.

[3]Absent on leave.
†If a student submits papers notably defective in English as part of her work, in any department, she may incur a condition in English Composition, whether or not she has completed the requirement in English Composition.

206. PRACTICE COURSE IN WRITING. Free writing in varied types of composition adapted to the needs and interests of the individuals in the course. Fortnightly themes or their equivalent.

Open to sophomores and juniors who have completed course 101. Three hours a week for the first semester. MISS STEARNS.

204. STUDIES IN CONTEMPORARY WRITING. This course is a continuation of either course 203 or course 206. Practice in the essay form, biography, the critical review, the sketch; the interpretative study of prose style. Fortnightly themes or their equivalent.

Open to sophomores and juniors who have completed course 101. Three hours a week for the second semester.

MISS PERKINS, MISS BATCHELDER, MISS STEARNS.

205. DEBATE AND PUBLIC DISCUSSION. (Not given in 1925-26.) Technique of argumentation and debate. Training in deliberate speech-composition for the purpose of contributing towards the simplification, understanding, and solution of controversial questions. Practice in impromptu participation in assembly-discussions, advocating causes before audiences and meeting objections, formal and informal team-debating.

Open to sophomores and juniors who have completed course 101. Three hours a week for a year.

301. NARRATIVE WRITING. Four long pieces of narrative work. Study of principles and forms of narrative writing, including analysis of one novel.

Open to juniors and seniors who have completed course 101. Two hours a week for the first semester.

MISS MANWARING, MISS LOCKWOOD.

302. SHORT THEMES. This course is a continuation of course 301. Practice in writing briefly on many sorts of subjects to increase suppleness and precision of style, with especial consideration of diction and sentence form and rhythm. Short themes. Reading and class discussion of the theory and practice of various writers.

Open to juniors and seniors who have completed course 101. Two hours a week for the second semester.

MISS MANWARING, MISS LOCKWOOD.

303. THE THEORY AND HISTORY OF CRITICISM. Lectures on the critical theory of Plato and Aristotle and on the more important English and French critics.

Open to juniors and seniors. One hour a week for a year.

MISS HART.

304. ADVANCED COURSE IN ENGLISH COMPOSITION. Studies in exposition, description, and narration, with one piece of dramatization or an original play. Frequent practice in writing.

Open to seniors who have completed courses 201.202, or 203 or 206 followed by 204, or 205, or 301.302. Three hours a week for a year.

MISS HART.

FRENCH

ASSOCIATE PROFESSORS: HENRIETTE ANDRIEU, AGRÉGÉE DE L'UNIVERSITÉ, (CHAIRMAN.)
MARGUERITE MESPOULET, AGRÉGÉE DE L'UNIVERSITÉ
ASSISTANT PROFESSOR: RUTH ELVIRA CLARK, LITT.D.
INSTRUCTORS: DOROTHY WARNER DENNIS, B.A., DIPL.E.U.
RENÉE JARDIN, LIC. ÈS LET., LIC. EN D.
MARJORIE LOUISE HENRY, M.A.
LUCIENNE FOUBERT CHAMBERLIN, C.S. (PARTIE FRANÇAISE)
FRANCOISE RUET, LIC. ÈS LET., M.A.
OLGA PAULINE LONGI, M.A.

All courses beginning with course 101 are conducted in French.

101‡. ELEMENTARY COURSE. FRENCH PHONETICS, GRAMMAR, COMPOSITION, READING, EXERCISES IN SPEAKING, AND DICTATION. The course includes (1) a practical study of French pronunciation, phonetic drill; (2) the practical study of French grammar; (3) readings on French life and French institutions. Constant oral drill and frequent written work.

Open to all undergraduates. Three hours a week for a year.

MISS DENNIS.

102‡. INTERMEDIATE COURSE. FRENCH PHONETICS, SYNTAX, COMPOSITION; READINGS FROM CONTEMPORARY AUTHORS OF NOTE; EXERCISES IN SPEAKING; WRITING FROM DICTATION. The course includes (1) a practical study of French pronunciation with phonetic drill; (2) a systematic review of syntax introductory to theme writing and oral narrative; (3) selected readings—prepared and sight—from modern writers. Constant oral drill and frequent written work.

Open to all students who have completed course 101, or the two unit admission requirement in French. Three hours a week for a year.

MISS DENNIS.

103. THIRD FRENCH COURSE. The aim of this course is the acquisition by the student of a reasonable degree of proficiency in the use of spoken and written French, both as an end in itself and as a preparation for more advanced work in language and in literature. It includes a careful study of pronunciation, with phonetic drill; grammar and free

‡First-year French may not be counted toward the B.A. degree if taken after the sophomore year, nor second-year French if taken after the junior year. French 101 and German 101 may not both be counted toward the B.A. degree.

composition, with frequent written exercises and themes; varied reading with the application of *lecture expliquée* methods; it affords opportunity for constant practice in the written and the spoken language.

Open to students who have met the three unit admission requirement in French, also to those who have completed course 102. Three hours a week for a year. Miss CLARK, Miss JARDIN, Miss HENRY, Mrs. CHAMBERLIN, Miss RUET, Miss LONGI.

201. PRACTICAL FRENCH; TRANSLATION, THEMES, AND ORAL COMPOSITION. This course emphasizes fluency and flexibility in the use of the language. Together with the various kinds of work enumerated, it includes the careful study of selected passages of prose and poetry *(lecture expliquée)* and more extensive reading.

Open to students who have completed course 103 and, on recommendation of the department, to students who have completed course 102. Three hours a week for a year. Miss RUET, Miss LONGI.

202. COMPOSITION, TRANSLATION, GRAMMAR, PHONETICS. Weekly written exercises. The object of the course is to provide additional practice in the written and spoken language.

Open to students who have completed course 103. One hour a week for a year. Miss CLARK.

203. HISTORY OF FRENCH LITERATURE. A survey course, with illustrative reading. Intended primarily for students who do not expect to major in French. More ground is covered than in course 204. Class discussion of selected masterpieces, short papers, outside reading. First semester: a brief study of the Middle Ages and the Renaissance, and the 17th century; second semester: the eighteenth century and the first half of the nineteenth. This course is not open to students who have completed or are taking course 204.

Open to students who have completed course 103 with credit and, on recommendation of the department, to those who have completed 102. This course is not open to students who have completed or are taking course 204. Three hours a week for a year. Miss CLARK.

204. HISTORY OF FRENCH LITERATURE. A survey course, with illustrative reading. Intended primarily for students who expect to major in French. Emphasis on method rather than on comprehensiveness, in view of ulterior work.

Open to students who have completed course 103 with credit and who intend to major in French. This course is not open to students who have completed or are taking course 203. Three hours a week for a year. Miss HENRY, Miss LONGI.

301. THE CLASSICAL PERIOD OF FRENCH LITERATURE. The main object of the course is the study of the development of French classical literature and of French society. Special importance is given to the works of Descartes, Pascal; La Rochefoucauld, La Bruyère, Bossuet; Madame de Sévigné, Madame de Lafayette; La Fontaine, Boileau; Corneille, Racine, Molière. Outside reading, written exercises.

Open to students who have completed course 201 with credit, or course 203 or 204 and to seniors who have completed or are taking three hours of grade II. Three hours a week for a year. MRS. ANDRIEU.

302. LITERATURE OF THE EIGHTEENTH CENTURY AND OF THE FRENCH REVOLUTION. (Not offered in 1925-26.) This course aims to give a comprehensive view of the literature of the eighteenth century and of the period of the French revolution as exemplified in the works of certain representative philosophers, such as Montesquieu, Voltaire and Rousseau. It also includes a study of the comedies of Le Sage, Marivaux and Beaumarchais. Special attention is given to the origin of romanticism in Rousseau's work.

Open to juniors and seniors who have completed three hours of grade II. Three hours a week for the first semester. MISS JARDIN.

303. SPECIAL STUDIES IN THE NINETEENTH CENTURY. (Not offered in 1925-26.) In 1926-27 the subject will be an intensive study of the romantic drama, its origin and evolution beginning with Alexandre Dumas père, and its influence on contemporary drama in verse. The work includes the intensive study of certain plays of A. Dumas, Victor Hugo, A. de Vigny, A. de Musset, C. Delavigne, and A. Dumas, fils.

Open to juniors and seniors who have completed three hours of grade II. Three hours a week for the second semester.
MISS MESPOULET, MISS JARDIN.

304. CONVERSATION AND JOURNAL CLUB. Oral reports, reviews, and discussion of important books and magazine articles. The aim of the course is twofold: practice in the use of the spoken language, and a brief study of the France of today and of French institutions.

Open to juniors and seniors who have completed or are taking a grade II course. Two hours a week for a semester; offered in both semesters.
MISS MESPOULET.

305. INTENSIVE READING. The object of this course consists in the intensive study of a limited number of subjects drawn from the great periods of French literature. Each subject, in accordance with an established method, is treated from the point of view of linguistics (oral pres-

entation, phonetic training, composition, style) and from the point of view of literature (outside reading, class discussion, *explication de texte*).

Open to seniors who have completed nine hours of French beginning with course 103, or who are taking a grade III course. Three hours a week for a year. MISS HENRY.

306. NINETEENTH CENTURY LITERATURE. Romanticism. A study of the evolution and main theories of the romantic movement in French literature together with that of the great masters of that period of prose and verse.

Open to juniors and seniors who have completed course 301. Three hours a week for a year. MISS MESPOULET.

307. CONTEMPORARY FRENCH LITERATURE. A study of the poets and of the prose writers from the end of the nineteenth century up to the present time.

Open to seniors who have completed course 301 or courses 302 and 303, or course 306. Three hours a week for a year. MISS MESPOULET.

308. STUDIES IN STYLE. (Not offered in 1925-26.) This course is related to course 307.

Open to students who have completed course 202. One hour a week for a year.

GEOLOGY AND GEOGRAPHY

PROFESSOR: ELIZABETH FLORETTE FISHER, B.S. (CHAIRMAN.)
ASSOCIATE PROFESSOR: MARY JEAN LANIER, PH.D.
ASSISTANT PROFESSOR: MARGARET TERRELL PARKER, M.A.
INSTRUCTOR: KENNETH KNIGHT LANDES, PH.D.
LABORATORY ASSISTANT: LOUISE PHILLIPPS HOLDEN, B.A.

One year of the science requirement may be met by course 101, or by course 201 followed in the same year either by 202 or 301. The other courses offered count toward a major in the department, but may not be used to satisfy the science requirement.

101. GENERAL GEOLOGY. First Semester—Physiography. A study of the work which wind, waves, rivers, glaciers, volcanoes, and earth movements have done and are doing to shape the earth's surface. This study explains the origin of hills and valleys, of plains, plateaus and mountains, of continents and ocean basins, and makes clear the ways in which these surface features have affected man's life. Second Semester—Historical Geology. The origin of the earth and the evolution of the earth and the life on it from the time of its origin until the present.

Open to all undergraduates. Six periods a week: in general, three

of lecture or discussion and three of laboratory or field work, counting three hours a week for a year.

MISS FISHER, MISS LANIER, MISS PARKER, MR. LANDES.

Geology

201. EARTH EVOLUTION. (Not offered in 1925-26.) The origin and evolution of the earth and the life on it as revealed by a study of the rocks of past geologic ages and the fossils they contain. The study includes an explanation of the earth's present surface features, and of the processes by which they have been formed and are now being modified.

Open to juniors and seniors. Not open to students who have completed course 101. Three class periods and one two-period laboratory appointment a week, counting three hours a week for the first semester.

MISS PARKER.

202. ECONOMIC MINERALOGY. (Not given in 1925-26.) A study of the minerals which are noteworthy either because they are essential constituents of rocks, or because they are of value economically. The treatment will include a study of the principles of crystallography; the sight recognition of minerals by means of their physical properties; the mode of occurrence of those minerals; the uses to which they are put industrially; the geographic location of important mineral deposits, with emphasis upon political control of mineral resources.

Open to students who have completed course 101 or 201. Three periods a week for lecture or laboratory work, with additional independent laboratory assignments, counting three hours a week for the second semester. MR. LANDES.

207. ADVANCED GEOLOGY. A more advanced study than can be undertaken in course 101 of various problems in geology, chiefly structural and dynamic. Such topics as sedimentation, folding, fracturing, earthquakes, vulcanism and metamorphism, theories as to the earth's age and origin are given detailed treatment.

Open to students who have completed course 101 or 201. Three hours a week for the first semester. MR. LANDES.

301. FIELD GEOLOGY. Advanced field study of the region including the Boston Basin and areas immediately surrounding it. The course attempts to train the student to determine and to interpret independently the physiographic and structural geology of the region studied. It deals further with the relation between the physical features of the area and its economic and commercial development.

Open to juniors and seniors who have completed course 101 and a grade II course, or course 201. One three-period lecture or laboratory appoint-

ment, or one afternoon in the field with independent field work related to the student's special problem, counting three hours a week for the second semester. MR. LANDES.

305. SEMINAR IN GEOLOGY AND GEOGRAPHY. (See GEOGRAPHY 305.)

306. PALEONTOLOGY. (Not given in 1925-26.) The course deals with the facts and problems of organic evolution, as revealed by the life of past geologic ages. By means of a study of fossils the steps in the development from simple, generalized life forms to more complex and specialized types are traced. The effects of physical environment upon life development are emphasized.

Open to juniors and seniors who have completed Zoology 101 or Botany 201, and either Geology 101 or 201. One three-period appointment for lectures, class discussion, and laboratory work, with independent laboratory assignments, counting three hours a week for the first semester.

Geography

206. CONSERVATION OF OUR NATURAL RESOURCES. A study of the natural resources of the United States and the efficient use of these resources. The course includes the study of the need for reducing soil waste, reclaiming swamp and arid lands, increasing agricultural production and conserving mineral fuels and metals, and of the methods of attaining these results. The course further deals with problems of forest protection, water supply, control of water power, and the use of inland waterways. The course helps to establish principles of good citizenship.

Open to juniors and seniors, and to sophomores who have completed course 101. Three hours a week for the second semester. MISS FISHER.

208. THE GEOGRAPHY OF EUROPE. A study of man's adjustment to physical environment in Europe. The topography of Europe is explained in the light of the geologic history of the continent. The basic principles controlling European climate are considered. These studies are used as the background for understanding the early rise of civilization in Europe, the distribution of races, the origin of the various political units, and the economic development of Europe as a whole. Certain selected nations are then given further detailed study.

Open to juniors and seniors, and to sophomores who have completed course 101. Three hours a week for the first semester. MISS PARKER.

209. THE ECONOMIC GEOGRAPHY OF NORTH AMERICA. A study of man's economic activities as related to environmental factors in the major geographic regions of North America. The objective of the course is to develop a clear conception of the elements of the natural

environment, such as climate, topography, soils, surface and underground waters, mineral resources, native vegetation, and to emphasize in the regions studied the important adjustments which man has made to these elements.

Open to juniors and seniors, and to sophomores who have completed course 101. Three hours a week for the second semester.

MISS FISHER.

302†. GEOGRAPHIC INFLUENCES IN THE DEVELOPMENT OF THE UNITED STATES. Regional geography of the United States in its physical, economic, commercial, and historical aspects, including a study of the relation of the continent to the world as a whole, and the influence of its natural resources upon its industrial development and upon the course of American History.

Open to juniors and seniors who have completed either course 101 and a grade II course in the department, or course 201. Three hours a week for the first semester. MISS FISHER.

303†. GEOGRAPHIC INFLUENCES IN THE DEVELOPMENT OF EUROPE. A study of the geographic factors which have been important in determining, in Europe, the early rise of civilization, the distribution of races, the origin and relative importance of the various political units, and the economic development of each of the several countries. The course will include a survey of the more important geographic principles underlying the recent treaty settlement of European boundaries.

Open to juniors and seniors who have completed course 101 and a grade II course in the department, or course 201. Three hours a week for the second semester. MISS PARKER.

304. THE GEOGRAPHY OF SOUTH AMERICA. (Not offered in 1925-26.) A study of the physiographic features, climates, and resources of South America; the influence of these factors upon the colonization of the continent by Europeans, upon the formation of independent political units, and upon the present and possible future economic development of the various countries.

Open to juniors and seniors who have completed course 101 and a grade II course in the department, or course 201. Three hours a week for the first semester. MISS LANIER.

305. SEMINAR IN GEOLOGY AND GEOGRAPHY. (Not given in 1925-26.) The course begins with a study of the methods of individual research. Early in the course a selected topic is assigned to each student for investigation and reports of the individual work are presented weekly.

†Courses 302 and 303 will be given in 1925-26 to meet the need of students whose grade II work has not included courses 208 and 209, now being offered for the first time. In 1926-27 courses 302 and 303 will be replaced by 307 (Historical Geography of the United States) and 308 (Problems in the Geography of Eurasia).

The student may choose a geographic problem or a geologic problem as she prefers.

Open to graduate students and to approved seniors. Three hours a week for the second semester. MISS FISHER.

307. THE HISTORICAL GEOGRAPHY OF THE UNITED STATES. (Not offered in 1926-27.) An analysis of the relations between the natural environment and the settlement and development of the country. The adjustments to varied environments in connection with the westward expansion of the American people. An interpretation in selected areas of readjustments made from time to time in response to the changing significance of some element or elements in the environment. A geographic background to American history.

Open to juniors and seniors who have completed 209, and by permission to students of history. Three hours a week for the first semester.

MISS FISHER.

308. PROBLEMS IN THE GEOGRAPHY OF EURASIA. (Not offered in 1926-27.) A geographic study of selected regions of Europe and Asia (exclusive of countries given detailed treatment in course 208). Students will interpret independently in so far as possible the human response to physical environment in each region. The course gives opportunity to apply independently geographic principles developed in earlier regional courses, as well as to gain familiarity with new territory and to study interesting contrasts between oriental and western civilizations.

Open to juniors and seniors who have completed 208. Three hours a week for the second semester. MISS PARKER.

309. CLIMATES OF THE WORLD. (Not offered in 1925-26.)

Open to juniors and seniors who have completed at least one regional course in geography. Three hours a week for the second semester.

MISS LANIER.

GERMAN

PROFESSOR: NATALIE WIPPLINGER, PH.D. (CHAIRMAN.)
ASSISTANT PROFESSOR: EDDA TILLE, PH.D.
ASSISTANT: ELISABETH BIEWEND.

101‡. ELEMENTARY COURSE. GRAMMAR, READING, ORAL AND WRITTEN EXERCISES. The texts used in this course are made the basis for a study of grammatical forms and rules, for speaking exercises and composition work.

Open to all students. Three hours a week for a year.

MISS TILLE, MRS. BIEWEND.

‡First-year German may not be counted toward the B.A. degree if taken after the sophomore year, nor second-year German if taken after the junior year. German 101 and French 101 may not *both* be counted toward the B.A. degree.

102‡. ELEMENTARY COURSE. READING, FREE REPRODUCTION, WRITTEN AND ORAL EXERCISES, SHORT THEMES, MEMORIZING OF POEMS.

Open to all students who have completed course 101 or the two unit admission requirement in German. Three hours a week for a year.

MISS TILLE, MRS. BIEWEND.

103. GRAMMAR AND COMPOSITION. Review of elementary grammar and study of more advanced grammar.

Open to freshmen who have met the three unit admission requirement in German, and required in connection with course 104. Course 103 cannot be taken without course 104. One hour a week for a year.

MRS. BIEWEND.

104. OUTLINE HISTORY OF GERMAN LITERATURE. The object of this course is to furnish the student with the vocabulary necessary for the reading and discussion of literature, and to give her a general historical background for the more detailed study of German literature in subsequent courses.

Open to freshmen who have met the three unit admission requirement in German, and required in connection with course 103. Course 104 cannot be taken without course 103. Two hours a week for a year.

MISS WIPPLINGER.

201. GRAMMAR AND COMPOSITION. The aim of this course is to give the student practice in oral and written expression.

Open to sophomores, juniors, and seniors who have completed course 102 or equivalent, and required of those taking course 202. Course 201 cannot be taken without course 202. One hour a week for a year.

MISS WIPPLINGER.

202. HISTORY OF GERMAN LITERATURE. The course consists of discussions, reading, and occasional lectures on the history of German literature before Goethe. The aim of the course is to trace the parallel development of the language, literature, social conditions, and religious ideals of the times.

Open to sophomores, juniors, and seniors who have completed course 102 or equivalent, and required in connection with course 201. Course 202 cannot be taken without course 201. Two hours a week for a year.

MISS WIPPLINGER.

204. SCHILLER'S LIFE AND WORKS (Introductory Course). Lectures, discussions. Study of Schiller's life and some of his important dramatic works.

Open to students who have completed courses 103, 104, or 201, 202. Three hours a week for the first semester. MISS TILLE.

‡First-year German may not be counted toward the B.A. degree if taken after the sophomore year, nor second-year German if taken after the junior year. German 101 and French 101 may not *both* be counted toward the B.A. degree.

205. GOETHE'S LIFE AND WORKS (Introductory Course). Lectures, discussions. Study of the principal characteristics of Goethe's life and works to the time of his literary co-operation with Schiller.

Open to students who have completed course 204. Three hours a week for the second semester. MISS WIPPLINGER.

206. GERMAN LYRICS AND BALLADS. (Not offered in 1925-26.) Historical study of *Minnegesang, Volkslied,* and the principal lyric poets up to the present day.

Open to students who have completed courses 103, 104 or 201, 202, and are taking other work in German. One hour a week for a year.

207. STUDIES IN MODERN GERMAN IDIOM. This course is designed to aid the student in acquiring a larger working vocabulary. Modern German texts are used as a basis of study. Constant oral and frequent written practice.

Open to students taking other work in German, who have completed courses 103, 104, or 201, 202, and by special permission to those who have completed course 102. One hour a week for a year.

MISS TILLE.

301. THE GERMAN NOVEL. (Not given in 1925-26.) Historical development of the German novel since Goethe.

Open to juniors and seniors who have completed or are taking three hours of grade II. Two hours a week for a year.

MISS WIPPLINGER.

302. HISTORY OF THE GERMAN LANGUAGE. (Not offered in 1925-26.) This course aims to give a fuller and more thorough understanding of modern German through the study of its historical development. Textbook: Behagel's *Die deutsche Sprache.*

Open to juniors and seniors who have completed three hours of grade II and are taking other work in German. One hour a week for a year.

303. MIDDLE HIGH GERMAN (Introductory Course). (Not offered in 1925-26.) Survey of Middle High German forms and sounds. Translation of Middle High German epic and lyric poetry into the modern idiom.

Open to juniors and seniors who have completed at least three hours of grade II. Three hours a week for the second semester.

304. GOETHE'S FAUST, PART I. Study of the pre-Goethean development of the Faust legend in its more important literary forms. Close study of the text of Goethe's *Faust,* Part I.

Open to juniors and seniors who have completed courses 204, 205. Three hours a week for the first semester. MISS WIPPLINGER.

305. THE GERMAN ROMANTIC SCHOOL. A study of the development and spirit of the German Romantic School.

Open to juniors and seniors who have completed course 304. Three hours a week for the second semester. MISS TILLE.

306. LESSING AS DRAMATIST AND CRITIC (Seminary Course). (Not offered in 1925-26.) Treatment of Lessing's critical work in literature, theology, and æsthetics.

Open to seniors who have completed three hours of grade III, and to others by special permission. Three hours a week for the second semester. MISS WIPPLINGER.

307. GOETHE, ADVANCED COURSE (Seminary Course). Study of Goethe's lyrics, ballads, later dramas, parts of *Faust II, Wilhelm Meister*.

Open to seniors who have completed course 304 and at least one other three-hour semester course of grade III; students not taking course 304 till the senior year, may by special permission enter course 307. Three hours a week for the first semester. MISS WIPPLINGER.

308. NINETEENTH CENTURY DRAMA. Special study of Kleist, Grillparzer, Hebbel, Ibsen, Hauptmann, and others; their relation to classic and romantic art, and to the social and philosophical problems of the century.

Open to seniors who have completed course 307. Three hours a week for the second semester. MISS WIPPLINGER.

309. SCHILLER AS PHILOSOPHER AND WRITER ON ÆSTHETICS (Seminary Course). (Not offered in 1925-26.) Study of Schiller through his correspondence with Körner, Goethe, etc., and through his philosophic poems and essays.

Open to seniors who have completed course 204 and at least three hours of grade III. Three hours a week for the first semester.

310. GOTHIC. (Not offered in 1925-26.)

Open to graduates and to seniors by permission of the instructor. Three hours a week for the second semester.

GREEK

PROFESSOR: KATHARINE MAY EDWARDS, PH.D. (CHAIRMAN.)
INSTRUCTOR: ANITA ELISABETH KLEIN, M.A.

101. BEGINNING GREEK. The aim of the course is to cover in one year the fundamental facts of Greek grammar with practice in reading and writing. The text-book is Allen's *First Year in Greek*. The longer

selections for reading are from Plato, but quotations from other masterpieces of prose and poetry are included.

Open to all students. Three hours a week for a year.

MISS KLEIN.

201. SECOND YEAR GREEK. First semester: Plato, *Apology* and selections from other dialogues. Second semester: Homer, First three books of the *Iliad*.

Open to students who have completed course 101 or the two unit admission requirement in Greek. Three hours a week for a year. MISS KLEIN.

202. PLATO: APOLOGY AND SELECTIONS FROM OTHER DIALOGUES; HOMER: ODYSSEY (six or seven books); EURIPIDES: ONE DRAMA.

Open to students who have met the three unit admission requirement in Greek. Three hours a week for a year. MISS KLEIN.

203. GREEK LITERATURE IN ENGLISH TRANSLATIONS. The class will read in translation selections from the works of the Greek poets, from Homer to Theocritus. Lectures on the development of Greek literature and class-discussions will accompany the reading. Special emphasis will be placed upon Greek drama, and as many plays as possible will be read and studied.

Open to juniors and seniors, and to sophomores who have completed one full course in Greek, or Art, or English Literature. Three hours a week for the first semester. MISS EDWARDS.

301. GREEK DRAMA. Reading and study of dramas of Aeschylus, Sophocles and Euripides, at least one of each, preceded by rapid reading, partly in class, of selections from Thucydides, Book I.

Open to students who have completed course 201 or 202. Three hours a week for a year. MISS EDWARDS.

302. GREEK LYRIC POETRY. Special study of the poems of Sappho and Alcæus; Pindar and Bacchylides; Theocritus. Lectures on development of Greek Lyric Poetry.

Open to students who have completed course 301. Three hours a week for a year. MISS EDWARDS.

303. HOMERIC SEMINARY. (Not offered in 1925-26.) Critical study of selected portions of the *Iliad*, with discussions and lectures on special problems.

Open to students who have completed course 301. Three hours a week for a year. MISS EDWARDS.

304. GREEK DIALECTS. A comparative study of the Greek dialects, their characteristics and their relations to each other, with reading and study of inscriptions and selected texts.

Open to students who have completed one full course of grade III. Three hours a week for a year. MISS EDWARDS.

305. MODERN GREEK. (Not offered in 1925-26.) The course has two objects: first, a practical one, to give some acquaintance with the spoken and written Greek of to-day; second, a linguistic one, to trace the historical development of the language from classical times to the present.

Open to students who have completed one full course of grade III. One hour a week for a year. MISS EDWARDS.

306. INTRODUCTION TO THE SCIENCE OF LANGUAGE. Lectures on the origin and nature of language and the principles of its life and growth; outline studies in phonetics; classification of languages; groups of the Indo-European languages with chief characteristics.

Open to seniors and juniors who have had one year of Greek. Three hours a week for the second semester. MISS EDWARDS.

For courses in the study of Greek Testament see Biblical History.

HISTORY

PROFESSORS: JULIA SWIFT ORVIS, PH.D. (CHAIRMAN.)
MABEL ELISABETH HODDER, PH.D.
ASSOCIATE PROFESSORS: EDNA VIRGINIA MOFFETT,[5] PH.D.
BARNETTE MILLER,[4] PH.D.
EDWARD ELY CURTIS, PH.D.
ASSISTANT PROFESSORS: JUDITH BLOW WILLIAMS, PH.D.
LOUISE OVERACKER, PH.D.
LECTURER: J. A. C. FAGGINGER-AUER, PH.D.
INSTRUCTOR: WALDO EMERSON PALMER, B.A.

103. HISTORY OF WESTERN EUROPE FROM THE FIFTH CENTURY TO THE CONGRESS OF VIENNA. A general survey of the history of Western Europe from the decline of Rome to 1815. The course aims to train students in methods of historical work and to furnish a background for the detailed study of particular periods.

Open to all undergraduates. This course is prerequisite to later election. Three hours a week for a year.
MRS. HODDER, MISS MOFFETT, MISS WILLIAMS, MR. PALMER.

201. HISTORY OF EUROPE SINCE THE FRENCH REVOLUTION. This course includes (1) an introductory discussion of the condition of France on the eve of the Revolution; (2) a study of the Revolution and the Napoleonic Era; (3) a study of the influence of revolutionary ideas in the subsequent history of Europe.

Open to sophomores, juniors, and seniors who have completed one full course in History. Three hours a week for a year. MISS ORVIS.

[4]Absent on leave for the first semester.
[5]Absent on leave for the second semester.

202. Constitutional History of England to 1399. (Not offered in 1925-26.) A study of the development of English constitutional government as an expression of the character of the English people. The course deals with Germanic origins, and with the development of English thought along constitutional lines to the close of the Plantagenet period.

Open to students who have completed one full course in History. Three hours a week for the first semester. Miss Moffett.

203. Constitutional History of England from 1399 to the Present Time. (Not offered in 1925-26.) A study of the later development of the English constitution, the rise of party and cabinet government, and the actual working of the constitution to-day.

Open to students who have completed one full course in History. Three hours a week for the second semester. Miss Moffett.

204. History of Rome. This course offers a general survey of Roman History. The attempt is made to present the problems of recent scholarship in the study of the earlier period, but the main emphasis is placed upon the later Republic and the Empire. Particular attention will be given to economic and social conditions, and to the development of the Roman system of government.

Open to sophomores, juniors, and seniors who have completed one college course in History, or who are giving special attention to Latin or Greek or Economics. Three hours a week for a year. Mrs. Hodder.

205. Colonial America. *a.* Age of Discovery and Conquest. *b.* The American Revolution. After surveying the discovery and exploration of America in the sixteenth and seventeenth centuries, the course deals with the foundation and growth of the British Empire in America. Emphasis is laid upon British colonial policy and administration. The second semester is devoted mainly to a consideration of the American Revolution. In 1926-27 this will be offered as a semester course.

Open to sophomores, juniors, and seniors who have completed or are taking a full course in History. Three hours a week for a year. Mr. Curtis.

207. Geography of European History. Besides the study of the more important changes of boundaries, including those made by the most recent treaties, the course will attempt to strengthen the connection between *events* and *localities*, by noting the characteristics and the rôle in History of certain parts of Europe.

Open to all seniors and to juniors and sophomores who have completed or are taking one full course in History. Three hours a week for the first semester. Miss Moffett.

208. INTERNATIONAL POLITICS. The object of this course is to give a general view of international conditions since the close of the Bismarck period, with especial reference to the present relations of Europe, America, and Asia.

Open to all seniors and to juniors who have completed or are taking a full course in History. Three hours a week for the second semester.

MISS MILLER.

209. POLITICAL HISTORY OF RUSSIA FROM THE EARLIEST TIMES TO THE PRESENT. (Not offered in 1925-26.) This course includes a study of (1) the forces which made Russia a world power, (2) the development and policy of the autocracy, and (3) the struggle for freedom, culminating in the revolution of 1917, and its consequences.

Open to all seniors, and to juniors who have completed or are taking another course in History. Three hours a week for the first semester.

MISS ORVIS.

210. MEDIÆVAL LIFE AND INSTITUTIONS. (Not offered in 1925-26.) The aim of the course is to show the points of contact and of difference between the modern spirit and the mediæval, as well as to serve as a background for the study of modern history, or of mediæval art or literature. It covers the period from the fourth to the close of the fourteenth century, emphasizing those phases of mediæval life which have left the strongest impress, and dealing with some of the great personalities whose work is still vital. A few mediæval sources are read.

Open to students who have completed course 103. Three hours a week for a year. MISS MOFFETT.

213. HISTORY OF ENGLAND AND GREATER BRITAIN. A general survey of English History with especial emphasis upon those political, social and economic forces which have led to the expansion of England and to the position and problems of the British Empire of to-day.

Open to sophomores, juniors and seniors who have completed one full course in History. Three hours a week for a year. MISS WILLIAMS.

214. THE RISE OF THE SPANISH AMERICAN REPUBLICS. (Not offered 1925-26.) After surveying the exploration and conquest of the New World by the Spaniards, this course treats Spanish colonial policy with a view to explaining the causes of the revolutionary movement. The latter part of the course is devoted to the wars of liberation and the emergence of the present republics.

Open to students who have completed course 103, also open without prerequisite to sophomores, juniors and seniors who are majoring in Spanish. Three hours a week for the second semester. MR. CURTIS.

301. History of the United States from 1787 to the Present Time. A study of the formation and development of the constitution of the United States, with special reference to controlling forces, such as the organization of parties, the growth of democracy, the rise of the slave power, the political effect of the development of the West.

Open to juniors and seniors who have completed one full course and have completed or are taking a second course in History. Three hours a week for a year. Mr. Curtis.

302†. Europe in Renaissance and Reformation. A study of the intellectual, religious, and social life of the fifteenth and sixteenth centuries. In the first semester the Renaissance in Italy and France is emphasized, and in the second semester the Reformation and the Age of Elizabeth.

Open to juniors and seniors who have completed two full courses in History, or one course in History and two courses in Art. Three hours a week for a year. *First semester,* Miss Moffett.
Second semester, Mr. Auer.

304‡. England under the Tudors and Stuarts. (Not offered in 1925-26.) This course deals with the religious and constitutional struggles in the sixteenth and seventeenth centuries, with economic and social changes, international relations, and with the founding of the British Empire.

Open to juniors and seniors who have completed two full courses in History. Three hours a week for a year. Mrs. Hodder.

305. Diplomatic History of Europe since 1740. This course includes (1) a review of the period 1648-1740; (2) the age of Frederick II; (3) a Survey of the Revolutionary and Napoleonic period; (4) the age of Bismarck and its results.

Open to juniors and seniors who have completed two full courses in History. Three hours a week for a year. Miss Orvis.

306. Growth of the British Empire. (Not offered in 1925-26.) This course includes (1) a historical review of the development of the empire; (2) a study of the changes of colonial policy; (3) a study of colonial administration; and (4) a discussion of present colonial and imperial problems.

Open to juniors and seniors who have completed two full courses in History. Three hours a week for the first semester.

307. American Foreign Relations. This course deals with the most significant diplomatic problems which have arisen as the result of war,

†History 302 will alternate with History 309.
‡History 304 will alternate with History 310.

westward expansion, the growth of foreign commerce, immigration, and the acquisition of colonial possessions. The origin of important treaties, the development of the Monroe Doctrine, and the evolution of the United States into a world power will be traced.

Open to juniors and seniors who have completed two full courses in History. Three hours a week for a year. MR. CURTIS.

308. HISTORY OF POLITICAL INSTITUTIONS. (Not offered in 1925-26.) This is an introductory course in the comparative study of the origin, character, development, and aim of political institutions.

Open to juniors and seniors who have completed two full courses in History. Three hours a week for a year.

309†. SELECTED STUDIES IN MEDIÆVAL HISTORY. (Not offered in 1925-26.) The course is designed to give training in methods of historical research, using the mediæval period as a field.

Open to graduates and seniors, and to approved juniors who have completed course 103 and one other full course in the department. Three hours a week for a year. MISS MOFFETT.

310‡. THE DEVELOPMENT OF THOUGHT FROM CLASSIC TIMES THROUGH THE MIDDLE AGES: A STUDY OF THE EVOLUTION OF THE MEDIÆVAL MIND. This course treats of Greek thought and its expression, its transformation in Latin hands, the culture of the early Christian centuries, and the later development of the mediæval genius.

Open to juniors and seniors who have completed History 103 and one other three-hour course in History. Three hours a week for a year. MRS. HODDER.

311. SOCIAL AND CULTURAL HISTORY OF EUROPE. A course in the evolution of civilization, tracing the development of culture from early times through the rise of the Mediterranean civilizations, the Middle Ages, the Renaissance and modern times, and covering the more important phases of social, economic and intellectual life.

Open to juniors and seniors who have completed two full courses in History. Three hours a week for a year. MISS WILLIAMS.

Courses in Government

206. INTRODUCTION TO GOVERNMENT. The course will begin by analyzing the significant forces in modern society, particularly as they have affected political development in Europe and the United States. The structure and working of present-day governments, especially those of England, France, Germany and Russia, will be studied as a background for the more thorough analysis of American government and

†History 309 will alternate with History 302.
‡History 310 will alternate with History 304.

politics. Emphasis will be placed on the evolutionary character of political forms and theories.

Open to all seniors, and to juniors and sophomores who have completed History 103 or Economics 101. Three hours a week for a year.

Miss Overacker.

312. Constitutional Law in the United States. This course will deal with the effect of the power of judicial review on the actual progress of our national life, especially in its economic and social aspects. The more important cases dealing with Federal powers, relations between State and National Governments, personal rights, the interpretation of the 14th Amendment, the present meaning of "life, liberty and property" to the individual, as well as the growth of the powers of administrative officials will be especially considered.

Open to juniors and seniors who have completed one full course and have completed or are taking a second course in History. For one History course a course in Economics may be substituted. Three hours a week for the first semester. Miss Overacker.

313. International Law. The problem of international relations as viewed by the diplomat and jurist. Discussion of cases will be supplemented by readings from the leading authorities and the decision of hypothetical questions based on actual historical events. The problems raised by the Great War and by the Treaties—freedom of the seas, blockade, the conduct of war, etc.,—will be particularly emphasized.

Open to juniors and seniors who have completed one full course and have completed or are taking a second course in History. For one History course a course in Economics may be substituted. Three hours a week for the second semester. Miss Overacker.

314. Selected Problems in Government. (Not offered in 1925-26.) The course will deal with special problems from a comparative viewpoint. Such questions as the status and functions of second chambers, the position of the civil service, proportional representation, the government of dependencies, and international administration will be considered in the light of actual and proposed solutions in different countries.

Open to juniors and seniors who have completed two full courses in History. Three hours a week for a year.

315. Municipal Government and Administration. The structure, functions, and activities, of modern city governments. There will be some comparison with local government abroad, but special emphasis will be laid on present tendencies in American city government, recent developments in organization, and the achievements of "Municipal Reform" in producing efficiency in administration.

Open to juniors and seniors who have completed one full course and have completed or are taking a second course in History. For one course

in History a course in Economics or Sociology may be substituted. Three hours a week for the first semester. MISS OVERACKER.

316. PARTY GOVERNMENT AND MACHINERY. The growth of parties in the United States—their present organization and activities. Newer methods for the control of parties; the short ballot, initiative, referendum and recall, proportional representation, etc., will be studied in the attempt to find an answer to the question:—How can we obtain and enforce a real expression of an actual majority opinion in the community?

Open to juniors and seniors who have completed one full course and have completed or are taking a second course in History. For one course in History a course in Economics or Sociology may be substituted. Three hours a week for the second semester. MISS OVERACKER.

HYGIENE AND PHYSICAL EDUCATION

PROFESSORS: MABEL LOUISE CUMMINGS, B.S. (CHAIRMAN.)
WILLIAM SKARSTROM, M.D.
EUGENE CLARENCE HOWE, PH.D.
RESIDENT PHYSICIAN: ELIZABETH LOUISE BROYLES, M.D.
ASSISTANT PHYSICIAN: MARY FISHER DEKRUIF, M.D.
LECTURER: ERNST HERMANN.
INSTRUCTORS: MARGARET JOHNSON.
CHARLOTTE GENEVIEVE MACEWAN, B.S.
FANNY GARRISON, B.A.
HELEN MARY THOMPSON.
JOSEPHINE LANGWORTHY RATHBONE, M.A.
VIVIAN COLLINS WALKER, M.A.
ELEANOR CLIFTON, M.A.
ASSISTANTS: ANNIE CHAPIN STEDMAN.
ELIZABETH CHARLOTTE REARICK, B.A.
RECORDER: ALICE IRENE MANDELL, PH.B.
LIBRARIAN: AGNES EMMA DODGE.
SECRETARY: ANNA ELIZABETH ANDERSON.
SPECIAL LECTURERS: WALTER ADAMS BRADFORD, D.M.D., LECTURER ON ORAL HYGIENE.
JOSEPH WILLIAM COURTNEY, M.D., LECTURER ON THE HYGIENE OF THE NERVOUS SYSTEM
FOSTER STANDISH KELLOGG, M.D., LECTURER ON PELVIC HYGIENE.
WALTER B. LANCASTER, M.D., LECTURER ON VISUAL HYGIENE.
ANDREW ROY MACAUSLAND, M.D., LECTURER ON ORTHOPEDICS.
WILLIAM RUSSELL MACAUSLAND, M.D., LECTURER ON ORTHOPEDICS.
WILLIAM EMERSON PREBLE, B.A., M.D., LECTURER ON INTERNAL MEDICINE.
HAROLD GRANT TOBEY, M.D., LECTURER ON OTO-LARYNGOLOGY
HARVEY PARKER TOWLE, M.D., LECTURER ON THE HYGIENE OF THE SKIN.

I. Courses Prescribed for the Certificate of the Department

(1) A two years' course especially designed for the training of teachers of hygiene and physical education and leading to the certificate of the Department of Hygiene and Physical Education is offered to graduates of approved colleges. In order to be admitted to this course candidates must be without organic disease or serious functional disorder. A keen sense of rhythm is

necessary, and also the ability to use the voice with ease and power. Previous courses in Chemistry, Physics, Psychology and Education are essential. If only two of these are offered for admission, opportunity will be given in the first year to take Chemistry 101 or Physics 101, or Psychology 101 and Education 201 (second semester).*

Courses leading to the degree of M.A. may be completed while in residence for the certificate. Detailed information will be found in the Circular of the Department or the Graduate Circular.

(2) A five years' course is offered leading to the B.A. degree and the certificate of the Department of Hygiene and Physical Education. This course is open only to candidates for the B.A. degree in residence at Wellesley College. In general, students in this course receive the B.A. degree at the end of the fourth year and complete in the fifth year the work required for the certificate. The following courses may count toward the Bachelor's degree: course 301, one and one-half hours; courses 302, 303, 321, 322, each three hours. (See page 94 for Directions for Candidates for the B.A. Degree and for the Certificate of the Department.)

Required Courses for First-Year Students

101. GYMNASTICS. Marching—adaptation of modern military marching. Elementary to fairly advanced free-standing gymnastic exercises, with and without hand apparatus. Elementary exercises on gymnastic apparatus.

Required of first-year students. Three hours a week in the fall and five hours in the winter. DR. SKARSTROM, MISS CLIFTON.

102. TEAM GAMES AND SPORTS. Practice for skill, study of rules and coaching methods; fall season—baseball, basket-ball and field hockey; spring season—archery, baseball, basket-ball, rowing and tennis. Horseback riding is elective and carries a special fee.

Required of first-year students. Six hours a week in the fall, eight hours in the spring. MR. HOWE, MISS MACEWAN, MISS GARRISON, MISS THOMPSON, MRS. WALKER, MISS CLIFTON.

103. PERSONAL HYGIENE. A conservative exposition of the regulation of the environmental conditions of health, and of the guidance of adaptation to these conditions.

Required of first-year students. One hour a week for the first semester. MR. HOWE.

104. DANCING. Elementary rhythmic work and dramatic games for small children the first semester; folk and national dances the second semester.

Required of first-year students. One hour a week for the first semester, two hours for the second semester. MISS MACEWAN.

105. DANCING. This course aims at the spontaneous artistic expression of music through bodily movement. It includes fundamental exercises and their application, a vocabulary of steps based upon such natural

*See undergraduate courses in Chemistry, Physics, Psychology, Education.

activities, and a study of the form and mood of music in relation to the dance.

Required of first-year students two hours a week for a year.

MISS MACEWAN.

106. SYMPTOMATOLOGY AND EMERGENCIES. First Aid methods and a brief statement of the nature, causes and symptoms of the more common diseases.

Required of first-year students. One hour a week for the first semester.

DR. BROYLES.

107. SWIMMING.

Required of first-year students. Twelve lessons in the second semester.

MISS THOMPSON.

203. TECHNIQUE OF TEACHING GYMNASTICS. Lectures and quizzes on gymnastic terminology with a survey of gymnastic material, followed by preliminary practice teaching. Thorough drill on all technical devices of teaching.

Required of first-year students. Three hours a week for a year.

DR. SKARSTROM.

208. PLAY, PLAYGROUNDS, AND ATHLETICS. Psychology of play; forms, uses and selection of play activities. Playground management and supervision. Practice and discussion of the following activities: track and field athletics, mass games, group games, dramatic and mimetic play.

Required of first-year students. Two hours a week for a year.

MR. HERMANN.

301. MAMMALIAN ANATOMY. (ZOOLOGY 301—See Department of Zoology and Physiology.)

302. GENERAL PHYSIOLOGY. (SPECIAL COURSE FOR HYGIENE STUDENTS, ZOOLOGY 302—See Department of Zoology and Physiology.)

303. KINESIOLOGY. Lectures and recitations dealing with the anatomical mechanism of movements: the rôles of joint motion, muscular action, gravity, leverage, inertia, and internal resistance in the production and modification of gymnastic movements and their effects, as contrasted with "natural" movements. This course counts three hours toward the Bachelor's degree.

Required of first-year students. Three hours a week for a year.

DR. SKARSTROM.

Required Courses for Second-Year Students

201. GYMNASTICS. Intermediate and advanced marching, gymnastic free-standing exercises, and apparatus work.

Required of second-year students. Two hours a week in the fall and four hours in the winter. DR. SKARSTROM.

202. TEAM GAMES AND SPORTS. A continuation of technique and method begun in course 102.

Required of second-year students. Seven hours a week in the fall and spring. MR. HOWE, MISS JOHNSON, MISS MACEWAN, MISS GARRISON, MISS THOMPSON, MRS. WALKER, MISS CLIFTON.

204. DANCING. Representative clog and character dances.

Required of second-year students. One hour a week either semester. MISS MACEWAN.

205. DANCING. A continuation of course 105 with a study of adaptation for teaching purposes.

Required of second-year students. Two hours a week for the second semester. MISS MACEWAN.

206. PRACTICE IN TEACHING DANCING. Practice in teaching carried on in connection with further study of the aims and principles of adaptation.

Required of second-year students. Two hours a week for the first semester. MISS MACEWAN.

207. SWIMMING. Each lesson consists of one-half hour lecture, one-half hour practice and one-half hour in teaching elementary swimming. (Standards adopted by the National Association of Directors of Girls' Camps.)

Required of second-year students. Twelve lessons in the second semester. MISS THOMPSON.

209. APPLIED HYGIENE, CORRECTIVE EXERCISE, AND MASSAGE. First semester: Prepathological conditions. Second semester: Pathological conditions. Approximately 20 lectures in this course are given by orthopedic and medical specialists. Clinical demonstration of orthopedic material is given at the Carney Hospital.

Required of second-year students. Two hours a week for a year. MISS RATHBONE, DR. MACAUSLAND and other lecturers.

211. MEASUREMENTS AND GRAPHIC RECORDS. Laboratory work in the use of anthropometric and graphic instruments (used in physical exam-

ination), with practice in recording and filing; a presentation of the statistical methods of value in the solution of problems based upon anthropometric measurement.

Required of second-year students. One hour a week for the second semester. MISS RATHBONE.

212. HISTORY AND LITERATURE OF PHYSICAL EDUCATION. A brief historical survey followed by a study of present problems and practices as revealed by recent literature.

Required of second-year students. One hour a week for a year. MISS CUMMINGS.

213. CORRECTIVE EXERCISE AND MASSAGE. Preparation for and practice under supervision in the use of methods and exercises taught in course 209. The work is carried on with public school pupils and with college students.

Required of second-year students. Two hours a week from September to May. MISS RATHBONE, MISS GARRISON.

214. PRACTICE TEACHING. Students assist in the required work in the college classes and carry on under careful supervision regular physical education work in the public schools of Wellesley.

Required of second-year students. Six to eight hours a week for the year. DR. SKARSTROM, MRS. WALKER.

215. TECHNIQUE AND PRINCIPLES OF COACHING TEAM SPORTS. A special study of the principal team sports including objectives, elementary and advanced technique and strategy, plans for daily work and for the season's organization, with special regard to the psychology of competition and the health aspects of various sports.

Required of second-year students. One hour a week for the first semester.

MR. HOWE, MISS THOMPSON, MRS. WALKER, MISS CLIFTON.

304. PRINCIPLES AND PHILOSOPHY OF PHYSICAL EDUCATION AND METHODS OF TEACHING. Study and discussion of the purposes, scope, and ideals of physical education; the character, selection, classification, arrangement, and progression of gymnastic exercises, and the principles and method of teaching. Three papers each semester are required.

Required of second-year students. Three hours a week for a year. DR. SKARSTROM, MISS CUMMINGS.

321. APPLIED PHYSIOLOGY. The application of human physiology to the problems of hygiene and physical education. Extensive work in nutrition and growth, and in the problems of fatigue, coordination, train-

ing, and tests of condition. This course counts three hours toward the Bachelor's or Master's degree.

Required of second-year students. Course 302 or its equivalent is a prerequisite. Three periods of lecture and recitation, and one three-period laboratory appointment a week, counting three hours a week for a year. MR. HOWE.

Elective Courses

108. INDOOR BASKET BALL. The technique and practice of indoor basket ball.

Open to first and second-year students and to five-year students by arrangement. One hour a week for the first semester.
MRS. WALKER, MISS CLIFTON.

109. GYMNASTIC APPARATUS WORK. Review and additional practice of the apparatus work given in 101 and 201.

Open to first and second-year students and to five-year students by arrangement. One hour a week, November to May. DR. SKARSTROM.

216. MUSIC IN RELATION TO DANCING. The purpose of this course is to furnish the basis for an intelligent appreciation of musical composition from the standpoint of the dance. It includes the principles of interpretation, emphasizes ear training, and is fully illustrated throughout with music. No special technical knowledge of music is required.

Open to first and second-year students. One hour a week for the second semester. MISS JOHNSON.

217. PROBLEMS OF ORGANIZATION AND ADMINISTRATION. (Not offered in 1925-26.) Organization and management studied by field trips, discussion, and library investigation. Records, reports and budgets, construction and upkeep of buildings and sport fields.

Open to first and second-year students in the Department. One hour a week for the second semester. MISS CUMMINGS.

218. PROBLEMS IN CORRECTIVE WORK. A course planned for those wishing to prepare for remedial work in schools or hospitals. Hospital clinic work is provided.

Open to second-year students. One hour a week for the second semester. MISS RATHBONE, DR. MACAUSLAND.

322. HEALTH PROBLEMS OF SCHOOL AND COMMUNITY. The problems of growth, health instruction, and environmental hygiene in the solution of which the teacher in physical education should be able to assist, advise or supervise. Three hours a week are devoted to lectures and three

to practical work. A complete health survey of a neighboring school system is made. During the second semester the students take active part in a school health programme of measurement and instruction. This course counts three hours toward the Master's degree.

Open to students who have completed course 302 or 321. Three hours a week for a year. MR. HOWE.

323. SEMINARY IN HYGIENE AND PHYSICAL EDUCATION. Reading, investigation and reports on current problems in hygiene and physical education; conferences; presentation of one or more papers for discussion.

Open to graduate students in the Department by permission. One or more semester hours.

THE DIRECTOR AND MEMBERS OF THE DEPARTMENT.

II. Courses Open to all Undergraduates

Two hours in Hygiene and Physical Education are prescribed for the degree. One hour of this requirement is met by course 120; the second hour is met by four periods of practical work, two periods per week in the freshman year and two in the sophomore year, usually by courses 121 and 122.

Courses 124 and 125 may be required in place of 121 and 122; and course 123 may be substituted for 122. See description of courses. Except as thus provided they do not count toward the degree.

120. PERSONAL HYGIENE. The aim of this course is to present the principles of personal hygiene and public health and to develop their intelligent application to the daily living of college students and members of families and communities.

Required of freshmen. One hour a week for a year.
DR. DEKRUIF, MRS. WALKER, MISS CLIFTON.

121. GYMNASTICS AND OUTDOOR SPORTS. Organized sports for six weeks in the fall and spring, designated 121 f. s. (fall, spring); gymnastics in the winter, 121 w. (winter). The sports offered are archery, baseball, basket ball, field hockey, horse-back riding, golf, rowing, tennis, volley ball, and selected track and field events. Students with individual health problems will substitute course 124 for 121 w.

Required of freshmen. Two periods a week for a year, counting one-half hour toward the degree.
MISS CLIFTON, MISS JOHNSON, MISS MACEWAN.
MISS GARRISON, MISS THOMPSON, MRS. WALKER, AND ASSISTANTS.

122. GYMNASTICS AND OUTDOOR SPORTS. Advanced work in the activities enumerated under course 121. The outdoor work of this course is designated as 122 f. s. (fall, spring), and the indoor work as 122 w.

(winter). Students needing corrective or remedial work will substitute course 125 for 122 w.

Required of sophomores who have completed course 121. Two periods a week for a year counting one-half hour toward the degree.

MISS THOMPSON, MISS JOHNSON, MISS MACEWAN, MISS GARRISON, MRS. WALKER, MISS CLIFTON, AND ASSISTANTS.

123. GYMNASTICS.

Open to juniors and seniors who have completed courses 121 and 122 or their equivalent, and by examination to sophomores who have had an equivalent of courses 121 and 122. Two hours a week from November to May. DR. SKARSTROM, MISS JOHNSON, AND ASSISTANTS.

124. CORRECTIVE EXERCISE AND APPLIED HYGIENE.

Required in place of 121 w. in the case of all freshmen whose physical condition indicates the need of individualized work. Two hours a week from November to May.

MISS RATHBONE, MISS GARRISON, AND ASSISTANTS.

125. CORRECTIVE EXERCISE AND APPLIED HYGIENE.

Required in place of 122 w. in the case of all sophomores whose physical condition indicates the need of individualized work. Two hours a week from November to May.

MISS RATHBONE, MISS GARRISON, AND ASSISTANTS.

126. ORGANIZED SPORTS. Archery, baseball, basket ball, golf, field hockey, horse-back riding, rowing, tennis, volley ball and selected track events.

Open to juniors and seniors who have completed courses 121 and 122, or their equivalent. Two hours a week in the fall and spring terms. Not to count toward the degree.

MISS JOHNSON, MISS MACEWAN, MISS GARRISON, MISS THOMPSON, MRS. WALKER, MISS CLIFTON, AND FIELD INSTRUCTORS.

127. DANCING. This course aims at the spontaneous artistic expression of music through bodily movement. It includes progressive fundamental exercises for neuro-muscular control and the application of these in the expression of the content of music; a vocabulary of steps based upon such natural activities as walking, running, skipping, leaping, etc.; and a study of the form and mood of music in its relation to the dance.

Open to students who have had no previous training. One hour a week from November to May. Not to count toward the degree.

MISS MACEWAN.

128. DANCING. Continuation of 127.

Open to students who have completed course 127 or an equivalent. One hour a week from November to May. Not to count toward the degree.
MISS MACEWAN.

Directions to Undergraduates who are Candidates for the B.A. Degree and for the Certificate of the Department of Hygiene and Physical Education

Five years are required to complete the work for both degree and certificate. The work of the degree may be completed in four years.

A student may enter this five-year course at the beginning of her freshman, sophomore, or junior year. By the end of the sophomore year a student should have completed Hygiene and Physical Education 120, 121, 122, Biblical History 101.2, Chemistry 101, and Physics 101, the prescribed courses in English Composition, Mathematics, Philosophy, Reading and Speaking, or should offer satisfactory equivalents. A full major in Zoology is an advantage. Courses 127, 128 in Hygiene and Physical Education are advised. The work for the last three years for a student who has had no previous work in Zoology is as follows:

Junior Year: Courses 101, 102, 105, 106* and 301. Course 301 counts toward the B.A. degree and a major in Zoology.

Senior Year: Courses 104, 107, 123, 203, 208, 302 and 303. Courses 302 and 303 count toward the B.A. degree and course 302 toward a major in Zoology. Course 321 must generally be postponed to the fifth year, but, if taken by arrangement, will count three hours toward the B.A. degree.

Education 201 is required and should ordinarily be taken in the junior year. Courses in French, German, Economics, Psychology and Bacteriology are advised.

Fifth Year: Courses 201, 202, 204, 205, 206, 207, 209, 211, 212, 213, 214, 215, 304, and if not already completed, 321. Course 322 may be elected and counts three hours for the M.A. degree; course 321 may also count toward the M.A. degree.

Students are also referred to the Circular of the Department of Hygiene and Physical Education.

*Students are advised to postpone course 106 until the senior year if possible.

ITALIAN

PROFESSOR: MARGARET HASTINGS JACKSON.[2] (CHAIRMAN.)
INSTRUCTOR: ADELE VACCHELLI, B.A.

101‡. ELEMENTARY COURSE. Grammar, with written and oral exercises; reading and sight translation; conversation.

Open to all undergraduates. Three hours a week for a year.
MISS VACCHELLI.

201. INTERMEDIATE COURSE. Grammar, prose composition; reading and translation at sight; in the first semester from modern authors; in the second semester from the classic authors.

Open to students who have completed course 101 or equivalent. Three hours a week for a year. MISS VACCHELLI.

202*. DANTE AND THE EARLY ITALIAN RENAISSANCE. ENGLISH COURSE. (Not offered in 1925-26.) Dante's *Divine Comedy* (in English) and the conditions of the age which produced it; the Early Italian Renaissance as expressed in the works of Petrarch and Boccaccio. A knowledge of Italian is not required.

Open to juniors and seniors. Three hours a week for a year.
MISS JACKSON.

NOTE.—The Dante Society offers an annual prize of one hundred dollars for the best essay on a subject drawn from the life or works of Dante. The competition is open to students or graduates of not more than three years' standing from colleges or universities in the United States. For subjects and conditions consult page 691 of the Harvard University Catalogue, 1924-25.

301. HISTORY OF ITALIAN LITERATURE IN THE THIRTEENTH AND FOURTEENTH CENTURIES. EMPHASIS ON DANTE. Selections from the *Vita Nuova* and the *Divina Commedia* of Dante, the Sonnets of Petrarch and the Tales of Boccaccio will be read in the original.

Open on consultation with the instructor to juniors and seniors who have a reading knowledge of Italian. Three hours a week for a year.
MISS VACCHELLI.

‡Italian 101 may not be counted toward the B.A. degree, if taken after the junior year.
*It will be the privilege of students in courses 202, 303, 304, and 305 to have access to the manuscripts and early—often contemporary—editions of Italian authors contained in the Frances Pearsons Plimpton Collection.
[2]Absent on Sabbatical leave.

302. HISTORY OF ITALIAN LITERATURE IN THE NINETEENTH CENTURY. (Not given in 1925-26.)

Open to juniors and seniors who have completed courses 101 and 201 or equivalents. Three hours a week for a year. MISS VACCHELLI.

303*. ITALIAN PROSE WRITERS OF THE FIFTEENTH AND EARLY SIXTEENTH CENTURIES. (Not offered in 1925-26.) Selections from the works of Macchiavelli, Castiglione, Savonarola and other writers of the period will be read in the original.

Open on consultation with the instructor to juniors and seniors who have a reading knowledge of Italian. Three hours a week for the first semester. MISS JACKSON.

304*. ITALIAN POETS OF THE FIFTEENTH AND EARLY SIXTEENTH CENTURIES. (Not offered in 1925-26.) Selections from Poliziano, Lorenzo de' Medici, Boiardo, Ariosto, Michael Angelo, Vittoria Colonna will be read in the original. While courses 303 and 304 are continuous, one being the complement of the other, they may be elected separately.

Open on consultation with the instructor to juniors and seniors who have a reading knowledge of Italian. Three hours a week for the second semester. MISS JACKSON.

305*. LITERATURE OF THE ITALIAN RENAISSANCE. (Not offered in 1925-26.) It is not the intention of the instructor to cover the entire period of the Renaissance but to treat of certain aspects only, the work to adjust itself to the needs of the individual student. Under the supervision of the instructor the student will choose some author, or phase, or problem of Italian literature for special study, reporting thereon weekly

Open on consultation with the instructor to graduate students who have a reading knowledge of Italian. Three hours a week for a year. MISS JACKSON.

LATIN

PROFESSOR: ALICE WALTON, PH.D. (CHAIRMAN.)
ASSOCIATE PROFESSORS: CAROLINE REBECCA FLETCHER, M.A.
ANNA BERTHA MILLER, PH.D.
INSTRUCTOR: ANITA ELISABETH KLEIN, M.A.

101. INTRODUCTION TO LATIN LITERATURE. A brief survey of the literature illustrated by short passages from representative authors in connection with a more detailed study of certain masterpieces in prose

*It will be the privilege of students in courses 202, 303, 304, and 305 to have access to the manuscripts and early—often contemporary—editions of Italian authors contained in the Frances Pearsons Plimpton Collection.

and verse. First semester, Studies in Prose, the Essay and the Letter. Cicero's *Essays on Old Age* and *Friendship* and selections from his correspondence with friends, followed by a few letters of other Latin authors. Second semester, Studies in Poetry, Terence, *The Andria;* Horace, the *Epodes;* Ovid, *Metamorphoses.*

Open to freshmen who have offered four units of Latin for admission, and to sophomores, juniors, and seniors who have had no Latin in college. Three hours a week for a year.

Miss WALTON, Miss MILLER, Miss KLEIN.

102. CONTRIBUTIONS OF LATIN LITERATURE TO MODERN LIFE AND THOUGHT. The study of passages in Latin authors embodying certain fundamental ideas which are a part of the classical heritage of modern life. The reading and class discussion will center about topics suggested in such current terms as *imperial destiny, citizenship, nationalism,* the *State Church, humanism,* etc. The readings will be selected from Catullus, Cicero, Horace, Livy, Ovid, Vergil, and other authors.

Open to freshmen who have offered four units of Latin for admission, and to sophomores, juniors, and seniors who have had no Latin in college. Three hours a week for a year. Miss MILLER.

103. SELECTED READINGS IN THE POETRY AND PROSE OF THE GOLDEN AGE OF LATIN LITERATURE. Social life in Rome in Cicero's time.

Open to students who have offered only three units of Latin for admission. Three hours a week for a year. Miss FLETCHER.

201. HORACE. The *Odes* are studied, with selections from the *Epistles.*

Open to students who have completed course 101 or 102. Three hours a week for the first semester. Miss MILLER.

202. VERGIL. Selections from the *Bucolics, Georgics,* and *Æneid, VII-XII.*

Open to students who have completed course 101 or 102. Three hours a week for the first semester. Miss FLETCHER.

204. STUDIES IN TACITUS AND PLINY. Tacitus, *Germania and Agricola,* with selections from the other works. Pliny's *Letters.* The work in Pliny includes careful study of certain letters and the rapid reading of many others.

Open to students who have completed a semester course of grade II. Three hours a week for the second semester. Miss MILLER.

205. CICERO'S PHILOSOPHICAL WORKS. Selections from the *Tusculan Disputations,* the *De Officiis* and other works.

Open to students who have completed a semester course of grade II. Three hours a week for the second semester. Miss FLETCHER.

206. LATIN WRITING.

Open to students who have completed a course of grade I. One hour a week for a year. MISS FLETCHER.

207. SIGHT READING IN PROSE AND VERSE. (Not offered in 1925-26.)

Open to students who are taking a full course of grade II. One hour a week for a year. A second appointment with the instructor is substituted for preparation. MISS MILLER.

208. ROMAN LIFE AND CUSTOMS. Lectures, illustrated by photographs and lantern slides, on subjects connected with the daily life and surroundings of the Romans, such as family life, dress, education, buildings, roads, travel, social functions, amusements, religious customs, etc. The required reading will be mainly in English.

Open to juniors and seniors without prerequisite, and to sophomores who have completed course 101 or 102. Three hours a week for the first semester. MISS MILLER.

301. COMEDY. PLAUTUS AND TERENCE. This course includes the careful study of two or more plays followed by the rapid reading of others.

Open to students who have completed two full courses. Three hours a week for the first semester. MISS WALTON.

302. SATIRE. HORACE AND JUVENAL. This course includes the reading of selected satires of Horace and Juvenal, with study of other Roman satirists by lectures and special topics. Sight reading in Martial.

Open to students who have completed two full courses. Three hours a week for the second semester. MISS WALTON.

303. LATIN EPIGRAPHY. Selected inscriptions will be studied both for their content as sources of Roman public and private life, and their form. Sandys' Latin Inscriptions and facsimiles will be used.

Open to students who have completed two full courses. Three hours a week for the first semester. MISS WALTON.

304. TOPOGRAPHY OF ROMAN SITES. Architectural History and Topography of Ancient Rome and of typical municipal and provincial towns.

Open to students who have completed two full courses. Three hours a week for the second semester. MISS WALTON.

305. LIVY: HISTORY OF EARLY ROME. (Not offered in 1925-26.) Study of the sources of the early history of the Roman Republic. Lectures and collateral reading.

Open to students who have completed two full courses. Three hours a a week for the first semester. MISS FLETCHER.

306. STUDIES IN ROMAN RELIGION. (Not offered in 1925-26.) The early religious institutions of the Romans will be studied from Ovid's *Fasti*, Cicero's *De Natura Deorum*, and other sources.

Open to students who have completed two full courses. Three hours a week for the second semester. MISS FLETCHER.

307. LATIN LITERATURE OF THE EARLY CHRISTIAN PERIOD. Readings from the Early Christian Apologists and Fathers illustrating the contact of Christian ideals with Pagan thought and civilization. Latin Hymns. This course may count as an elective in the Department of Biblical History.

Open to students who have completed two full courses. Three hours a week for the second semester. MISS MILLER.

308. LATIN WRITING.

Open at the discretion of the instructor to students who have completed course 206. One hour a week for a year. MISS FLETCHER.

309‡. LITERATURE OF THE ROMAN EMPIRE. (Not offered in 1925-26.) The aim of this course is to secure an acquaintance with many representative authors of the Roman Empire, and to show the interest and the value of the "Silver Latinity" and the writers of the later Imperial Period. The course includes lectures and discussions on various aspects of society in the time of the Empire. Rapid reading without translation is one of the features of this course.

Open to students who have completed three full courses. Three hours a week for a year.

310‡. SURVEY OF LATIN POETRY. Part I, Poetry of the Republic. Part II, Poetry of the Empire. In Part I, some study is given to the beginnings of Latin poetry and the earlier poets, but the main emphasis is placed upon the poets of the Ciceronian Age, Catullus and Lucretius. In Part II, the aim is to secure an acquaintance with representative poets of different periods, and to show the interest and the value of the later Latin poetry. Rapid reading without translation is one of the features of this course.

Open to students who have completed three full courses. Three hours a week for a year. MISS FLETCHER.

321. OUTLINE HISTORY OF LATIN LITERATURE. The design of this course is to enable a graduate student to study the authors and periods

‡Courses 309 and 310 are not given in the same year.

and forms of literature which were not included in her undergraduate work, and thus to complete the work done in individual courses by a comprehensive view of Latin literature as a whole and its place in world literature. The course demands much independent work and is intended to meet individual needs.

Open to graduate students only. MISS WALTON.

MATHEMATICS

PROFESSORS : HELEN ABBOT MERRILL, PH.D. (CHAIRMAN.)
ROXANA HAYWARD VIVIAN,[3] PH.D.
CLARA ELIZA SMITH, PH.D.
ASSOCIATE PROFESSOR : MABEL MINERVA YOUNG, PH.D.
ASSISTANT PROFESSORS : LENNIE PHOEBE COPELAND, PH.D.
MARY CURTIS GRAUSTEIN, PH.D.
INSTRUCTORS : MARION ELIZABETH STARK, M.A.
ETHEL LOUISE ANDERTON, PH.D.
ASSISTANT : JESSIE ESTHER COMEGYS, B.A.

101. TRIGONOMETRY. Trigonometric equations and transformations, including the use of inverse functions; radian measure; graphs of the trigonometric functions; solution of triangles.

Required of freshmen. Three hours a week for the first semester.
MISS MERRILL, MISS SMITH, MISS YOUNG, MISS COPELAND, MRS. GRAUSTEIN, MISS STARK, MISS ANDERTON, MISS COMEGYS.

102. HIGHER ALGEBRA. In addition to some of the ordinary topics of college algebra, this course includes differentiation and integration of algebraic functions, with applications to concrete problems of maxima and minima and rates, and to the determination of simple areas.

Required of freshmen who do not take course 103. Three hours a week for the second semester.
MISS MERRILL, MISS SMITH, MISS YOUNG, MISS COPELAND, MRS. GRAUSTEIN, MISS STARK, MISS ANDERTON, MISS COMEGYS.

103†. THE ELEMENTS OF ANALYTIC GEOMETRY. A brief course, covering the usual topics, and planned to introduce students as early as possible to advanced courses in mathematics. The necessary topics in higher algebra will be treated.

Open to approved freshmen as an alternative to course 102. Three hours a week for the second semester.
MISS MERRILL, MISS SMITH, MISS ANDERTON.

[3]Absent on leave.
†Course 103 will count one hour only toward the B.A. degree for students who offer course 102 also.

201. ANALYTIC GEOMETRY AND CALCULUS. The more elementary parts of Analytic Geometry and Calculus.

Open to students who have completed courses 101 and 102, and by special permission to freshmen who have had a course in Trigonometry equivalent to that outlined by the College Entrance Examination Board. Three hours a week for a year. MISS YOUNG, MISS STARK.

202. DIFFERENTIAL AND INTEGRAL CALCULUS. The applications include a course in curve tracing.

Open to students who have completed courses 101 and 103. Three hours a week for a year. MISS SMITH.

203. HISTORY OF ELEMENTARY MATHEMATICS. The evolution of the fundamental concepts of mathematics. Great mathematicians and their chief contributions to elementary mathematics. A brief survey of modern developments in mathematics and its literature. A standard text is used, supplemented by lectures and short reports chiefly based upon rare old books in the mathematical library.

Open to students who have completed or are taking course 201 or 202. Three hours a week for the second semester. MISS COPELAND.

204. INTRODUCTION TO THE THEORY OF STATISTICS. (Not offered in 1925-26.) Lectures with supplementary reading on some of the mathematical principles and methods used in statistical work. Each student will present one or more papers based upon data drawn from biology, economics, education, insurance, psychology, vital and population statistics, or other sources.

Open to students who have completed course 101 and either course 102 or 103. One hour a week for a year. MISS VIVIAN.

205. PROBLEM WORK IN STATISTICS. (Not offered in 1925-26.) The class will meet two periods a week for problem work and exercises in the collection and arrangement of material, and certain methods will be presented in addition to those in course 204.

Open to students who have completed course 101 and either course 102 or 103. Students may elect course 204 without course 205, but not course 205 without course 204. One hour a week for a year.
MISS VIVIAN.

NOTE.—Course 204 is primarily for theory and for those students who wish to use critically the statistics of others. Course 205 is primarily for problem work and for those students who wish practice in collecting and arranging statistical material.

206. DESCRIPTIVE GEOMETRY. The theory and practice of the representation of geometric figures. The use of two or more planes of

projection in representing lines, surfaces, and solids. Shades and shadows.

Open to students who have completed or are taking a three-hour elective course in Mathematics, and by special permission to a limited number who have completed course 103. One period of lecture with one period of laboratory a week, counting one hour a week for a year.

MISS MERRILL.

301. CALCULUS AND ITS APPLICATIONS. The applications include a study of curves and space forms, and simple problems in mechanics and differential equations.

Open to students who have completed course 201. Three hours a week for a year. MRS. GRAUSTEIN.

302. HIGHER ANALYSIS. Differentiability and integrability of functions, continuity, convergency of series, representation of functions by power series, theory of integration, infinite integrals, elliptic integrals, Fourier series, and other allied subjects.

Open to students who have completed course 202 or 301. Three hours a week for a year. MISS MERRILL.

303*. DIFFERENTIAL EQUATIONS. An introductory course in ordinary and partial differential equations.

Open to students who have completed course 202 or 301. Three hours a week for the first semester. MISS COPELAND.

304. THEORY OF EQUATIONS, WITH DETERMINANTS. The work is based on Burnside and Panton's Theory of Equations.

Open to students who have completed course 202 or who have completed or are taking course 301. Three hours a week for the second semester. MISS COPELAND.

305. SOLID ANALYTIC GEOMETRY. (Not offered in 1925-26.) The straight line; the plane; surfaces of the second order. Brief study of surfaces in general.

Open to students who have completed course 202 or who have completed or are taking course 301. Three hours a week for the second semester.

306. MODERN SYNTHETIC GEOMETRY. Metrical and projective properties of plane and sheaf forms of the first and second orders; the anharmonic ratio; harmonic forms; the method of inversion; involution; collineation; the law of duality; theory of poles and polars; reciprocation; space forms and surfaces of the second order. Given by lectures

*Physics 305, if preceded by Mathematics 303, may be counted toward a major in Mathematics.

and references, with constant practice in the solution of geometrical problems.

Open to students who have completed course 202 or who have completed or are taking course 301. Three hours a week for a year.

Miss Young.

307. Higher Plane Curves. (Not offered in 1925-26.) Systems of co-ordinates; general theory of algebraic curves; singularities; selected curves of different orders; theory of correspondence, transformation of curves. A lecture course, time being allowed for students to present papers to the class dealing with phases of the subject not covered by the lectures.

Open to students who have completed course 202 or 301. Three hours a week for a year.

308. Functions of a Complex Variable. (Not given in 1925-26.) Elementary treatment of analytic functions. Infinite series and products, with applications to beta, gamma, and elliptic functions.

Open to students who have completed course 202 or 301. Three hours a week for a year. Miss Smith.

MUSIC

Professors: Hamilton Crawford Macdougall, Mus.D.
Clarence Grant Hamilton, M.A.
Instructors: Emily Josephine Hurd.
Albert Thomas Foster.
Blanche Francis Brocklebank.
Helen Joy Sleeper, M.A., Mus.B.
Carl Webster.
Edith Bullard.
Alfred Henry Meyer, Mus.B., B.A.
Jean Evelyn Wilder, B.A.
Assistant: Naoma Rebecca Thomas, B.A.

The Wellesley College Choir of forty members, founded in 1900, furnishes the music for the Sunday services in the Memorial Chapel. Any student with a good natural voice is eligible for membership; trials to fill vacancies are held at the opening of each College year.

The college Symphony Orchestra, consisting of about thirty student and faculty members, was founded in 1906. It offers advantages of competent instruction in ensemble playing under a professional conductor. It gives two concerts a year with programmes of classical music. Any members of the College who have sufficient technique are admitted to membership.

A limited number of tickets for reserved seats at the concerts of the Boston Symphony Orchestra in Symphony Hall, Boston, is free to students in the department who are able to use them profitably.

I. Musical Theory

The courses in theory and history are open to all students without regard to previous musical knowledge, and count toward the B.A. degree. The history and theory courses are subject to no separate tuition fee. Courses 102, 206, 305, 306, 307, and 308 are designed especially for those students desiring to gain an appreciative knowledge of musical literature.

101. ELEMENTARY HARMONY. This course is designed for freshmen who enter college with the intention of specializing in music. It may be followed by course 201, but not by course 102. This course covers musical notation, the formation of triads and chords of the seventh, the invention of melodies and their harmonization, the simpler kinds of non-harmonic tones, elementary form, and ear training. Carefully kept notebooks are a part of the work.

Open only to freshmen who are taking practical music. No prerequisites. Two hours a week for a year. MISS SLEEPER.

102. INTRODUCTORY HARMONY. This course covers the ground necessary for admission to course 201 or 305, and also offers a substantial foundation for subsequent work in practical or theoretical music. It includes the material of the ordinary elementary harmony course and in addition emphasizes ear training and harmonic analysis.

Open to sophomores, juniors, seniors, and advanced freshmen (five-year music course). This course is not open to students who have completed course 101. No prerequisites. Three hours a week for a year.
MISS SLEEPER.

103. INTERPRETATION. This course is a training in the principles of interpretation, developed through the performance in class of music studied with the private teacher and by listening to and analyzing compositions performed by others. The course concerns itself with the recognition of the simple cadences, harmonic figuration, the broader rhythmical distinctions, the relations of melody and accompaniment, and the school of the composer.

Open to sophomores, juniors, and seniors who are at the same time taking lessons in practical music in the department and who have acquired a satisfactory degree of skill. Students may elect practical music without electing the course in interpretation; but no one may elect the course in interpretation without at the same time electing practical music. Students wishing to elect the course should apply directly to the head of the department. One hour a week for a year.
MR. MACDOUGALL, MR. HAMILTON.

201. Advanced Harmony. This course covers *in extenso* the various classes of non-harmonic tones, chords of the ninth modulation, elementary orchestration, writing for the piano, organ, and for voices. The course aims to give facility in elementary composition.

Open to students who have completed course 101 or 102 or the equivalent. Three hours a week for a year.

Mr. Macdougall, Miss Sleeper.

202. Applied Harmony. (Not offered in 1925-26.) This course aims to realize synthetically at the pianoforte the principles taught in course 201, following what may be termed a laboratory method.

Note.—Instruction will be given in small classes of not less than three students. The course is in no sense a substitute for pianoforte lessons. Students must satisfy the head of the department that they have a pianoforte technique adequate for the work.

Open to those students only who are at the same time taking course 201. Two hours a week for a year. Mr. Hamilton.

204. Interpretation. (Not offered in 1925-26.) This course is a continuation of course 103. The subject-matter of the course is the thematic and polyphonic melody, the larger forms, harmony in its æsthetic bearings, the æsthetic effects of the more complicated rhythms, comparative criticism and the various schools of composition. See note to course 103.

Open to students who have completed course 103 and who are at the same time taking lessons in practical music in the department and have acquired a satisfactory degree of skill, also by special permission to seniors. One hour a week for a year.

Mr. Macdougall, Mr. Hamilton.

206. History of Music. Lectures on the history of music of all nations, with assigned readings and frequent musical illustrations, from which the student is taught to compile analytical programs and critiques. The course is non-technical and no previous knowledge of music is required.

Open to juniors and seniors, and to sophomores who have had one course in the department. This course is not open to students who have completed or are taking course 305. Three hours a week for a year.

Mr. Hamilton.

301. Counterpoint. Counterpoint in two, three, and four voices; double counterpoint; analysis; the distinction between strict (modal)

and free counterpoint; the rules for the latter deduced from contemporaneous practice; fugue for two and three voices.

Open to students who have completed course 201. Three hours a week for the first semester. MR. MACDOUGALL, MISS SLEEPER.

302. MUSICAL FORM. This course aims to cover the various imitative forms, the suite and sonata forms, the large forms of vocal and orchestral music. Students have the opportunity of doing practical work in composition (song form, sonata movments, etc.).

Open to students who have completed course 301. Three hours a week for the second semester. MR. MACDOUGALL, MISS SLEEPER.

303. APPLIED COUNTERPOINT. (Not offered in 1925-26.) This course aims to realize synthetically at the pianoforte the laws of simple and double counterpoint by the constant playing and analysis of the best examples from the masters. See note to course 202.

Open to those students only who are at the same time taking course 301. Two hours a week for the first semester.

304. APPLIED FORM. (Not offered in 1925-26.) This course aims to play and to analyze a great number of specimens of the various forms, with careful analysis and classification. See note to course 202.

Open to those students only who are at the same time taking course 302. Two hours a week for the second semester.

305. THE DEVELOPMENT OF THE ART OF MUSIC. A course in the appreciation of music designed to develop musical perception and the ability to listen intelligently to the best music. It includes the evolution of rhythm, harmony, and melody, and their powers and offices in musical expression; the principal musical forms analytically considered; studies of the principal composers, their lives, their strongest works, their relation to the progress of musical art. Some great work will be selected for study during the year.

Open to students who have completed course 101 or 102 and course 201. This course is not open to students who have completed or are taking course 206. Three hours a week for a year.
MR. MACDOUGALL, MISS SLEEPER.

306. BEETHOVEN AND WAGNER. (Not offered in 1925-26.) An intensive course devoted to the analyses of selected pianoforte sonatas, chamber music, the symphonies of Beethoven, "Fidelio," and the operas of Wagner. The aim of the course will be to give an intimate knowledge of the two composers' works and to estimate their place in musical history.

Open to students who have completed course 201 or its equivalent. Three hours a week for a year. MR. MACDOUGALL.

307. SCHUBERT AND SCHUMANN. An illustrated lecture course, intensive in character, devoted to the study of the principal works of the composers named. The romantic movement in music, the development of the German Song, the poetical and lyric piano piece and the birth of musical criticism are among the principal topics treated. The work of the class will be based mainly upon assigned readings and critical papers.

Open to students who have completed course 201 or its equivalent. Three hours a week for the first semester. MR. HAMILTON.

308. MENDELSSOHN AND CHOPIN. An illustrated lecture course, intensive in character, devoted to the study of the principal works of the composers named. The beginnings of modernism, the culmination of sacred music in the oratorio, the age of the virtuoso, the development of instruments and individual and emotional treatment in music are the principal topics studied. The work of the class will be based mainly upon assigned readings and critical papers.

Open to students who have completed course 201 or its equivalent. Three hours a week for the second semester. MR. HAMILTON.

309. GREAT PIANO COMPOSERS, FROM THE ELIZABETHAN ERA TO THE PRESENT TIME. (Not offered in 1925-26.) A study of special traits of the music that relates to the epoch in which they lived, and their contribution to general musical progress. The work of the course will include the critical analysis of typical works and the writing of exercises in illustration of various styles. Some ability to play the piano is necessary.

Open to students who have completed course 201 or its equivalent. Three hours a week for a year. MR. HAMILTON.

310. FREE COMPOSITION. (Not offered in 1925-26.)

Open by permission to students who have completed courses 301 and 302. Three hours a week for a year. MR. MACDOUGALL.

311. APPLIED HISTORY. (Not offered in 1925-26.) This course aims to realize synthetically at the pianoforte the development of music from the organum of Hucbald to the Wagner opera. Specimens of the music of various schools and periods will be collected, played, and analyzed. See note to course 202.

Open to those students only who are at the same time taking course 305. Two hours a week for a year. MR. MACDOUGALL.

312. CRITICAL STUDIES IN MUSICAL HISTORY. (Not offered in 1925-26.) The course attempts to give training in musical investigation. To each student will be assigned some special problem in musical

history, musical criticism, musical form, or the like, on which she reports progress from week to week in the seminar.

Open to graduates and to approved seniors who have taken one of the following sequences of courses, or their equivalent: 101, 201; 101, 203; 102, 201; 102, 203. Three hours a week for a year.

MR. MACDOUGALL.

II. Practical Music (Instrumental and Vocal Lessons)

Attention is called to the fact that a student need not necessarily spend five years in college in order to carry on practical music at the same time with the academic course. See *(a)* following.

It is believed that students having a command of pianoforte or organ technique will be able to profit by the theoretical instruction given in the department to a fuller degree than those without such a technique. To encourage students to acquire a technique, as well as to furnish authoritative instruction, the department undertakes to give lessons in pianoforte, organ, violin, and violoncello playing, and in singing. Attention is called to the fact that students who elect Musical Theory 103 and 204, are thereby obtaining two hours' credit toward the B.A. degree in connection with work done in practical music. It is offered to all students, whether candidates for degrees or not, as stated below:—

(a) Candidates for the B.A. degree who propose to spend but four years in college may take practical music, provided that they obtain each year the permission of the Dean of the College as well as of the Professor of Music; they must also take a full course in Musical Theory, unless they have completed two two-hour or three-hour courses in the subject.

(b) Candidates for the B.A. degree *who are willing to devote five years to the college course* will be permitted to take practical music each year of the course, governed by the restriction laid down in *(a)*.

(c) Candidates for the B.A. degree who wish also the *Certificate of the Department of Music* should plan to devote *five years to the college course*. Such students are required to take practical music, two lessons a week, throughout the five years. They must complete, satisfactorily to the department, a course in the literature of the instrument chosen or of the voice; they must apply for the certificate at least three years in advance.

(d) Students not candidates for the B.A. degree *who desire to specialize in music* must meet the requirements prescribed for admission to the freshman class, and must in addition pass an entrance examination in Harmony. Special students must take both Musical Theory and vocal or instrumental lessons, two a week, with not less than twelve hours

of weekly practice. They must also take from six to nine hours per week of academic work, including Musical Theory, as may be decided in consultation with the Dean of the College.

(e) Students not candidates for the B.A. degree who wish the *Certificate of the Department of Music* must comply with the conditions laid down in *(d);* moreover, the academic work taken must include modern languages. Such students must apply for the certificate on entering the department, and must have already acquired the fundamental technique of the instrument chosen or of the voice. The time occupied in study for the certificate depends upon the talent, upon the proficiency of the student at entrance, and upon her subsequent diligence; but in general four years at least are necessary. The various courses are so arranged that the pupil on completion will have an acquaintance with the best musical literature.

(f) Graduates of Wellesley College or of other institutions may make special arrangement for instrumental or vocal lessons.

(g) Permission to practice in Music Hall cannot be given to students not regularly registered in the department.

(h) Students whose progress is not satisfactory may be required to discontinue their lessons.

PHILOSOPHY AND PSYCHOLOGY

PROFESSORS: MARY WHITON CALKINS,[8] M.A., LITT.D., LL.D. (CHAIRMAN.)
ELEANOR ACHESON MCCULLOCH GAMBLE, PH.D. (CHAIRMAN IN THE FIRST SEMESTER.)
THOMAS HAYES PROCTER, PH.D.
ASSISTANT PROFESSORS: MICHAEL JACOB ZIGLER, PH.D.
FLORA ISABEL MACKINNON, PH.D.
SPECIAL LECTURER: A. N. WHITEHEAD, F.R.S.
READER IN PHILOSOPHY: GRACE ALLERTON ANDREWS, M.A.
ASSISTANTS: INEZ TERESS COHEN,[7] B.A.
ANNA MATHIESEN, B.A.
HELEN HOOD TAPLIN.[7]
REGINA STOLZ,[6] B.A.

The requirement in philosophy for a degree is met by course 101 (first semester) followed in the same year by course 102 (second semester).

I. Logic

208. LOGIC. Training in argument and in logical criticism. Work expressly designed to meet the practical needs of the student. The

[6]Appointed for the first semester only.
[7]Appointed for the second semester only.
[8]Absent on Sabbatical leave for the first semester.

course deals not only with the principles of deductive logic, but also with elementary questions of observation and testimony, and of scientific, statistical, and legal evidence. Text-books: Robinson, *The Principles of Reasoning;* Dotterer, *Beginners' Logic.*

Open to students who have completed course 101. Three hours a week for the second semester. MISS GAMBLE.

II. Psychology

For description of the Psychology Laboratory, see page 145.

101. INTRODUCTORY COURSE IN PSYCHOLOGY. This course aims to secure to students an acquaintance with primary mental facts, to give them a definite notion of the topics treated in psychology, to provide them with a psychological basis for the study of philosophy, of sociology, and of education, and to fit them for more advanced psychological work. Among the texts used are: Gamble, *Outline Studies in Psychology;* Calkins, *A First Book in Psychology;* Bentley, *The Field of Psychology;* Smith and Guthrie, *General Psychology.*

Open to sophomores, juniors, and seniors. Three hours a week for the first semester. Lecture Divisions A and B, MISS GAMBLE; Division C, MR. ZIGLER.
Conferences, MISS GAMBLE, MR. ZIGLER, MISS MACKINNON, MISS MATHIESEN, MISS STOLZ.

209. EXPERIMENTAL PSYCHOLOGY, LABORATORY COURSE. Every student is expected to perform one or two typical experiments in each of the main fields of psychological investigation. The accompanying lectures will briefly relate these experiments in their historical setting. This course is designed to train the student in psychological method.

Open to students who have completed course 101. Two lectures and two two-period laboratory appointments a week, counting three hours a week for the first semester. MR. ZIGLER.

210. EXPERIMENTAL PROBLEMS IN PSYCHOLOGY. This course consists of investigation of special problems by individual students. In 1925-26 the problems may be chosen from among the following: visual, auditory, and tactual sensation, smell classification, association, memorizing, attention. The methods employed are wider than the problems and are adapted to training students in the fundamental demands of research.

Open to students who have completed course 209. Five to six periods of laboratory a week, including one to two with instructor, counting three hours a week for the second semester. MR. ZIGLER, MISS GAMBLE.

303. SECOND COURSE IN EXPERIMENTAL PROBLEMS IN PSYCHOLOGY. Investigation of special problems. The work on any one of these problems may, at the discretion of the department, be preceded by some weeks of additional training in laboratory technique. In 1925-26 the subjects studied are: The relation of the memory span to facility in memorizing; associative recall under distraction; the possibility of inattentive memorizing; the nature of the double image; an inversion of the size-weight illusion.

Open to students who have completed course 210. Five to six periods of laboratory a week including one to two with instructor, counting three hours a week for a year. MR. ZIGLER, MISS GAMBLE.

207. GENETIC PSYCHOLOGY. Instinctive responses, formation of habits, development of mental functions in the child from birth to maturity. Text-book, Waddle, *Introduction to Child Psychology;* supplementary references to Kirkpatrick, *The Individual in the Making,* Norsworthy and Whitley, *Psychology of Childhood,* G. S. Hall, *Adolescence.*

Open to seniors, juniors, and by permission to sophomores, who have completed course 101. Three hours a week for the second semester. MR. ZIGLER.

309. PSYCHOLOGY: SOCIAL, APPLIED, DIFFERENTIAL AND ABNORMAL. The first semester is given to Social Psychology, to Differential Psychology with special reference to mental tests, and to the applications of psychology to industrial management. The second semester is devoted to Abnormal Psychology and its practical applications. Among the texts used are: Allport, *Social Psychology;* Ewer, *Applied Psychology;* Bridges, *Outlines of Abnormal Psychology;* and the published case studies of the Judge Baker Foundation.

Open to juniors and seniors who have completed course 101 and who have completed or are taking, at least two semester courses chosen from the following: Courses 209, 210, and 207 in Psychology; course 205 in Philosophy; course 201 in Education; courses 202, 208, and 312 in Sociology; course 307 in Economics and course 305 in Zoology. Three hours a week for a year. MISS GAMBLE.

324. GRADUATE SEMINARY IN PSYCHOLOGY.

Open by permission to graduate students. Three hours a week for the second semester. MISS CALKINS.

203. READING COURSE IN GERMAN OR IN FRENCH PSYCHOLOGICAL TEXTS. (Not given in 1925-26.)

Open to students who are taking elective work in psychology. One hour a week for a year. MISS GAMBLE.

III. Philosophy

102. INTRODUCTION TO PHILOSOPHY. This course includes a brief study of ethics, treated from a psychological starting point. The greater part of the course is devoted to the discussion of philosophical problems including the nature of body, the nature of mind, the connection between mind and body, and the relations of philosophy to physical science and to religion. Texts used include Descartes, *Meditations;* La Mettrie, *Man a Machine;* Haeckel, *The Riddle of the Universe;* Berkeley, *Principles* and *Three Dialogues between Hylas and Philonous.*

Open to sophomores, juniors, and seniors who have completed course 101. Three hours a week for the second semester.

Lecture divisions A and B, MISS CALKINS;
Division C, MR. PROCTER.
Conference divisions, MISS CALKINS, MR. PROCTER,
MISS MACKINNON, MISS COHEN, MRS. TAPLIN.

205. SOCIAL ETHICS. This course deals with the problems arising from the fact that human life is lived within groups. The first aim of the course is the definition of Justice. Various moral problems involved in social, political and economic life will then be discussed in the light of this concept. The readings will be from Plato's *Republic,* Aristotle's *Politics,* Hobbes's *Leviathan,* Rousseau's *Social Contract* and from such modern authors as Bertrand Russell, Bernhardi, Hobhouse, Bosanquet, and Carver.

Open to students who have completed, or are taking, course 101. Three hours a week for the first semester. MR. PROCTER.

307. GREEK PHILOSOPHY. Primarily text-study. (*a*) Brief study of the Pre-Socratics. (*b*) The Sophist movement. (*c*) Passages from Xenophon's *Memorabilia;* the Dialogues of Plato, including the *Apology, Crito, Gorgias, Symposium, Phaedo, Parmenides* and extended passages from *The Republic* and the *Timaeus.* (*d*) Selections from Aristotle. (*e*) The Stoics, Epicureans and Neo-Platonists: selections from Epictetus, Marcus Aurelius and Plotinus. Special emphasis on the relation of these authors to modern philosophical problems.

Open to juniors and seniors who have completed courses 101.102 and, by permission to those who are taking courses 101.102. Three hours a week for a year. MR. PROCTER.

304. PROBLEMS OF MODERN PHILOSOPHY. This course is conducted through discussions, supplemented by occasional lectures, on problems of philosophy, including the issues between realism and idealism, between pluralism and absolutism, and between pragmatism and rationalism. The study of these problems involves the critical reading of Hume's *Inquiry*

Concerning Human Understanding and parts of the *Treatise;* of portions of Kant's *Critique of Pure Reason;* of Spinoza's *Ethics;* and selections from Bergson, James, Royce, Ward, Bradley, Russell, Dewey, and others.

Open to juniors and seniors who have completed courses 101.102 and to graduate students. Three hours a week for a year.

First semester, MISS MACKINNON,
Second semester, MISS CALKINS.
Lecturer on Realism: MR. WHITEHEAD.

305. THE LOGIC OF HEGEL. Text-study of the *Logic* of Hegel's *Encyclopedia,* with occasional reference to commentators and critics, as basis for the discussion of philosophical method and of metaphysical problems.

Open (1) to seniors who have completed courses 307 and 304; (2) to seniors who have completed either of the two courses 307, 304 and are taking the other; (3) to seniors who have completed either 307 or 304 and a directed course of summer reading (not for credit); also by special arrangement to graduate students. Three hours a week for the first semester. MISS MACKINNON.

306. SEMINARY. PHILOSOPHY OF RELIGION. A critical examination of the bases of religious belief and especially of the meaning and value of the concept of God, both from the standpoint of philosophy and from that of religious worship. The course will include a consideration of various modern developments—psychological, anthropological, pragmatic and idealistic—in the Philosophy of Religion.

Open to students who have completed course 305. Three hours a week for the second semester. MR. PROCTER.

321. GRADUATE SEMINARY. ETHICS. (Not given in 1925-26.) Subject in 1923-24: The ethical doctrine of Kant and its critics.

Open by permission to graduate students. Three hours a week for a semester.

322. GRADUATE SEMINARY. CONSTRUCTIVE TREATMENT OF PROBLEMS OF METAPHYSICS. (Not offered in 1925-26.)

Open by permission to graduate students. Three hours a week for a semester. MISS CALKINS.

323. GRADUATE SEMINARY. SPECIAL STUDY OF PHILOSOPHICAL SYSTEMS. (Not offered in 1925-26.) Subject in 1922-23: English Philosophy from Bacon to Locke.

Open by permission to graduate students. Three hours a week for a semester. MISS MACKINNON.

325. GRADUATE SEMINARY. CURRENT TENDENCIES IN PHILOSOPHY. (Not offered in 1925-26.)

Open by permission to graduate students. Three hours a week for a semester. MR. PROCTER.

Graduate Work

The department offers to graduate students direction in independent work both in philosophy and in psychology, and conducts graduate conferences, with individual students, at stated times.

PHYSICS

PROFESSOR: LOUISE SHERWOOD MCDOWELL,[2] PH.D.
ASSOCIATE PROFESSORS: GRACE EVANGELINE DAVIS, M.A. (CHAIRMAN.)
FRANCES LOWATER, PH.D.
LUCY WILSON, PH.D.
LECTURER: HOWARD EDWARD PULLING., PH.D., PROFESSOR OF BOTANY.
INSTRUCTORS: HILDA LYDIA BEGEMAN, M.A.
ALICE HALL ARMSTRONG, M.A.
CUSTODIAN: HELEN FAY PORTER, B.A.

101. ELEMENTARY PHYSICS. This course is for beginners and presents briefly the elementary principles of mechanics, sound, heat, electricity, and light, and their simpler applications. The lectures are fully illustrated by experiments.

Open to students who have not offered Physics for admission. Three periods of lecture and recitation with one three-period laboratory appointment a week, counting three hours a week for a year.

MISS WILSON, MISS BEGEMAN, MISS ARMSTRONG.

102. GENERAL PHYSICS: MECHANICS, ELECTRICITY, AND LIGHT. This course is intended for students who already have an elementary knowledge of the phenomena of the physical world; it gives a rapid survey of the fundamental principles in mechanics, magnetism and electricity, wave motion and light. The lectures are fully illustrated by experiments.

Open to students who have met the admission requirement and who are electing course 103 or 202. Three periods of lecture and recitation with one three-period laboratory appointment a week, counting three hours a week for the first semester. MISS LOWATER.

103. GENERAL PHYSICS: LIGHT, SOUND AND HEAT. This course continues the work of course 102. In sound, emphasis is laid on the physical basis of music; in heat, on the applications of the principles in daily life.

Open to students who have completed course 102. Three periods of lecture and recitation with one three-period laboratory appointment a week, counting three hours a week for the second semester.

MISS LOWATER.

[2]Absent on Sabbatical leave.

201. ELECTRICITY. Topics include magnetic and electric fields of force, current, potential difference, resistance, capacity, electromagnetic induction. Lectures and laboratory work are closely correlated and measurements are made with instruments of precision.

Open to students who have completed course 101 or 103, or 202, and by special permission to juniors and seniors who have met the admission requirement. Three periods of lecture and recitation with one three-period laboratory appointment a week, counting three hours a week for the first semester. MISS DAVIS.

202. HEAT. Thermometry, calorimetry, properties of vapors and gases, liquefaction of gases, transmission of heat and its application in the heating and ventilation of buildings, kinetic theory of gases, elementary thermodynamics, heat engines.

Open to sophomores, juniors, and seniors who have completed course 201 and by permission to those who have completed course 101 or 102, or are taking course 101. Three periods of lecture and recitation with one three-period laboratory appointment a week, counting three hours a week for the second semester. MISS DAVIS.

203. METEOROLOGY. (Not given in 1925-26.) The study of the phenomena of the weather: air pressure, temperature, progress of storms, cold waves, winds, clouds, precipitation; the principles of weather prediction; atmospheric optical phenomena.

Open to sophomores, juniors, and seniors who have completed course 101 or who have met the admission requirement. Three hours a week for the second semester. MISS DAVIS.

204. THE AUTOMOBILE: PRINCIPLES AND CONSTRUCTION. The internal combustion engine; carburetors; systems of ignition, starting and lighting, and transmission. Lectures with demonstrations to illustrate the physical principles involved. Individual laboratory study of various automobile mechanisms.

Open by permission to juniors and seniors who have completed course 101, or who have met the admission requirement. One hour of lecture or one three-period laboratory appointment a week, counting one hour a week for a year. MISS WILSON.

301*. LIGHT. The wave theory and its application to the phenomena of dispersion, interference, diffraction, polarization, propagation in crystalline media; theory and use of optical instruments; modern methods of illumination.

Open to juniors and seniors who have completed a grade II course in Physics, or a year course of grade I in Physics and a year course of grade

*Astronomy 301, to which Physics 301 is prerequisite, may be counted toward a major in Physics.

I in Astronomy. Three periods of lecture and recitation with one three-period laboratory appointment a week, counting three hours a week for the first semester. MISS LOWATER.

302. ELECTROMAGNETIC WAVES AND RADIO COMMUNICATION. (Not offered in 1925-26.) Alternating currents, the effect of inductance and capacity; electric oscillations, damping, coupled circuits; electromagnetic waves; three-electrode vacuum tubes and their application to the transmission, reception and amplification of electromagnetic waves. Experimental lectures with individual laboratory study.

Open to juniors and seniors who have completed course 201. Three periods of lecture and recitation with one three-period laboratory appointment a week, counting three hours a week for the second semester. MISS MCDOWELL.

303. ELECTRONIC PHYSICS. Electrolytic dissociation; conduction through gases; cathode rays; positive rays; x-rays, radio-activity; electrons and protons; theories of atomic structure.

Open to juniors and seniors who have completed course 201 and have completed or are taking a year of Chemistry. Three periods of lecture and recitation often with one three-period laboratory appointment a week, counting three hours a week for the second semester. MISS WILSON, MISS DAVIS.

304. THEORETICAL ELECTRICITY AND MAGNETISM. The work is based upon Starling's *Electricity and Magnetism* and free use is made of the calculus.

Open to juniors and seniors who have completed course 201 and also course 202 or 301 in Mathematics. Three hours a week for the first semester. MISS ARMSTRONG.

305. MECHANICS. Equations of motion; simple harmonic motion; central orbits; statics of rigid bodies; work, energy; dynamics of a particle; motion of rigid bodies. Emphasis is placed on the application of mathematics, especially plane analytical geometry and calculus, to physics.

Open to students who have completed course 101 or 103, or 202 in Physics, course 202 or 301 in Mathematics and either course 304 in Physics or course 303 in Mathematics. When combined with course 303 in Mathematics it may be counted toward a major in Mathematics. Three hours a week for the second semester. MISS LOWATER.

307. LABORATORY PRACTICE. Laboratory practice arranged to fit the needs of the individual student. Opportunity is given for a series of

experiments upon related topics and for training in laboratory technique such as scientific photography.

Open to juniors and seniors who have completed or are taking a grade III course in the department. One three-period laboratory appointment a week counting one hour a week for a year.

Miss Davis, Miss Lowater, Miss Wilson.

308. Bio-Physics. The course deals with our present conceptions of those physical processes that are fundamental to organisms. It includes such topics as: properties of solutions (diffusion, osmosis, surface tension, etc.); properties of colloidal systems (swelling, coagulation, alteration of permeability in membranes, etc.); effects of heat, radiant energy.

Open to juniors and seniors who have completed in college one year of Physics and one year of either Botany or Zoology. Three periods of lecture and recitation with one three-period laboratory appointment a week, counting three hours a week for the first semester. Mr. Pulling.

READING AND SPEAKING

Assistant Professors: Elizabeth Parker Hunt, M.A. (Chairman.)
Edith Margaret Smaill.
Instructors: Edith Winifred Moses, M.A.
Ruth Aikman Damon, M.A.

Six hours in this department in addition to course 104 may be counted within the minimum number of hours required for the B.A. degree.

101. Reading and Speaking. It is the purpose of this course to develop the ability to read aloud simply and easily and to speak with clearness and conviction. Various forms of literature studied, and exercises given to free the body and voice; phonetics and enunciation.

Open to all undergraduates. Three hours a week for a year.

Mrs. Hunt, Miss Smaill, Miss Moses, Mrs. Damon.

102. English Speech. (Not offered in 1925-26.) This course is designed to teach foreigners the correct pronunciation of English; for students who intend to teach English speech to foreigners at home or abroad; and to help all students who need to overcome serious defects in speech. Attention is given to individual needs and special exercises prescribed.

Open to all undergraduates. Advised for foreign students. Three hours a week for a year. Mrs. Hunt.

103. Public Speaking. This course is designed to develop the ability to speak in public effectively. There will be the presentation and criticism of original speeches, and of speeches selected from famous addresses.

Open to sophomores, juniors, and seniors. Three hours a week for a year. Miss Moses.

104. FUNDAMENTALS OF SPEECH. This course is intended to promote right habits in the production of voice for ordinary speaking and to increase precision in articulation, enunciation and pronunciation.

Required of sophomores except those who have completed or are taking course 101 or 103. One hour a week for a year.

MRS. HUNT, MISS SMAILL, MISS MOSES, MRS. DAMON.

201. ADVANCED COURSE IN INTERPRETATIVE READING. The study and presentation of various forms of standard literature. This course is designed primarily to develop the imaginative and creative power of the individual and to arouse an appreciation of the educational value of interpretative expression. Tennyson, Browning, Modern Poetry, and Drama.

Open to students who have completed one three-hour course in the department. Three hours a week for a year. MISS SMAILL.

301. INTERPRETATION OF SHAKESPEARE. Intensive study of the text for expression; the giving under student management of all the great scenes in a play. Three plays studied.

Open to students who have completed one three-hour course in the department, also to those who have completed or are taking English Literature 305 or 309. Three hours a week for a year. MRS. HUNT.

SPANISH

PROFESSOR: ALICE HUNTINGTON BUSHEE, M.A. (CHAIRMAN.)
ASSISTANT PROFESSOR: ADA MAY COE, M.A.
INSTRUCTOR: ANITA DE OYARZABAL.

A reading knowledge of French is required for all grade III work and desirable in all courses. The language of the class room is Spanish.

101‡. ELEMENTARY COURSE. Grammar, composition, dictation, conversation, prepared and sight translation. Short lectures are given in Spanish on different literary subjects to train the ear and serve as an introduction to later study.

Open to all undergraduates. Three hours a week for a year.

MISS BUSHEE, MISS COE.

102. INTERMEDIATE COURSE. Grammar, composition, themes, lectures, reading of typical modern novels and selections from *Don Quijote*.

Open to students who have completed course 101 or an equivalent. Three hours a week for a year. MISS DE OYARZABAL.

201. SPANISH LITERATURE IN THE EIGHTEENTH AND NINETEENTH CENTURIES. The aim of this course is to give the student a general idea of Spanish literature after the Golden Age: the French influence,

‡Spanish 101 may not be counted toward the B.A. degree if taken after the junior year.

Romanticism, and the noted authors of the latter part of the nineteenth century. This includes the rapid reading of both prose and poetry.

Open to students who have completed course 102. Three hours a week for a year. MISS BUSHEE.

202. MODERN SPANISH AMERICAN LITERATURE. The aim of this course is to show the influences at work in the making of Spanish American Literature with the reaction, especially in poetry, on the literature of Spain. Lectures will be given on the political and social conditions of the leading countries.

Open to students who have completed course 102. Three hours a week for a year. MISS COE.

203. ADVANCED CONVERSATION AND COMPOSITION. Three or four twentieth century plays will form the basis for this course and will give opportunity for oral discussion and written reports on life in contemporary Spain.

Open to students who have completed course 102. One hour a week for a year. MISS DE OYARZABAL.

204. CONTEMPORARY SPANISH LITERATURE. A survey of the literary movement since 1898 with special emphasis on the novel and drama.

Open to students who have completed course 102. Course 204 cannot be taken without course 203. Two hours a week for a year. MISS DE OYARZABAL.

301. DRAMA OF THE GOLDEN AGE. This course will be introduced by a short general outline of the historical and literary influences at work during the period. Characteristic dramas of Lope de Vega, Alarcón, Tirso de Molina, and Calderón will be studied as representative of the nation's thought and ideals at the time.

Open to students who have completed course 201 or 202, or 203 and 204. Three hours a week for a year. MISS BUSHEE.

302. THE SPANISH NOVEL. The first semester will be devoted to a general study of the novel before 1650 (especially the *caballeresca, picaresca,* and *pastoral*) and its relation to other countries. During the second semester *Don Quijote* will be studied.

Open to students who have completed course 201 or 202, or 203 and 204. Three hours a week for a year. MISS BUSHEE.

303. OLD SPANISH LITERATURE FROM 1150 TO 1400. (Not given in 1925-26.) Study of *El Poema del Cid* and other characteristic works of the period.

Open to graduates and to approved seniors who have had at least one course of grade III. Three hours a week for a year. MISS BUSHEE.

ZOOLOGY AND PHYSIOLOGY

PROFESSORS: MARIAN ELIZABETH HUBBARD, B.S. (CHAIRMAN.)
JULIA ELEANOR MOODY, PH.D.
ASSOCIATE PROFESSOR: ALICE MIDDLETON BORING,[3] PH.D.
ASSISTANT PROFESSOR: MARGARET ALGER HAYDEN, PH.D.
INSTRUCTORS: GLADYS KATHRYN MCCOSH, M.S.
JANET AGNES WILLIAMSON, M.A.
ELIZABETH MACNAUGHTON, M.D.
MARJORIE BOYD, B.S.
HELEN BROWN AVERY, M.A.
MARION FREEMAN LEWIS, B.A.
ANNE STONE MINOT, PH.D.
CURATOR: ALBERT PITTS MORSE.
ASSISTANT: JEAN MILLETT WALKER, M.A.
LABORATORY ASSISTANTS: FLORENCE LOUISE GUSTAFSON, B.S.
MILDRED SMITH, B.A.
CUSTODIAN: KATHLEEN MILLICENT LEAVITT.

101. THE BIOLOGY OF ANIMALS. This course aims to furnish a basis for the interpretation of life as it appears in the animal world, including man. The study of a series of forms, of increasing complexity, develops a conception of what an animal is, and of how animals have arisen through evolution in the past. The study of cells, particularly the germ cells, leads to an understanding of the mechanism of heredity. Through the second semester runs a series of lectures and discussions on the evidences and factors of evolution, on heredity and eugenics.

Open to freshmen, sophomores, and juniors. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for a year.

MISS HUBBARD, MISS HAYDEN, MISS MCCOSH.
MISS WILLIAMSON, MISS AVERY,
MISS LEWIS, MISS WALKER.

Zoology

201. INVERTEBRATE ZOOLOGY. (Not offered in 1925-26.) A study of invertebrate types, except the Arthropoda, with reference to their structure, life-history, habits, and distribution; emphasis is given to the general principles of evolution. Lectures, laboratory, field and museum trips.

Open to students who have completed course 101. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for the first semester.

202. INVERTEBRATE ZOOLOGY. (Not offered in 1925-26.) A study of the Arthropoda with special reference to the group of insects; their structure, life-history and habits. Attention will be given to insects of economic importance, such as the silk-worm, the disease carriers, household

[3]Absent on leave.

insects and those injurious to vegetables, fruit and trees. Lectures, laboratory, field and museum trips.

Open to students who have completed course 201, and by permission of the department to students who have completed course 101. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for the second semester.

203. Vertebrate Zoology. Evidences of evolution from the study of comparative anatomy and the development of the vertebrates, based upon a careful dissection of dogfish, necturus, reptile, and cat. The aim throughout is to trace the evolution of the vertebrate type with particular reference to the history of the human body. Lectures, laboratory and museum work.

Open to juniors and seniors without prerequisites, and to other students who have completed course 101. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for a year.

Miss Moody, Miss Avery.

301. Mammalian Anatomy. (Hygiene 301.) Lectures and laboratory work on the gross anatomy of bones and muscles; digestive, respiratory, excretory, reproductive, circulatory and nervous systems. Special emphasis is given to the study of the human skeleton and muscles.

Required of first-year students in the Department of Hygiene and Physical Education; also of juniors who are registered as five-year Hygiene students. If counted as part of a major in Zoology, course 301 should be preceded by course 101. Three periods a week, in general one of lecture, discussion or quiz, and two of laboratory, counting one and one-half hours a week for a year.

Dr. Macnaughton, Miss Avery.

303. Histology. A systematic study of typical preparations covering the microscopic structure of the fundamental tissues and some of the organs of the animal body. A general, working knowledge of histological technique is acquired as most of the preparations used are made entirely by the student.

Open to juniors and seniors who have completed or are taking course 203 or 301, or 308. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for the first semester.

Miss Williamson.

304. Embryology. A study of the processes and principles of animal development. The illustrative material includes some invertebrates for

early stages, and for later stages the chick and pig. A practical knowledge of general embryological technique is acquired. Microscopic preparations of a series of stages of the chick are made by each student.

Open to juniors and seniors who have completed or are taking course 203 or 301, or 308. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for the second semester. MISS WILLIAMSON.

305. THEORIES AND PROBLEMS OF ZOOLOGY. A critical study of the past and present theories and problems of Zoology, and the history of their development; including the questions of the origin of life, development, evolution, and heredity.

Open to students completing a twelve-hour major, and under special conditions to others with the approval of the department. Three hours a week for the second semester. MISS MOODY.

306. HEREDITY. Problems in variation and heredity, with a critical study of the cytological and genetical evidence found in animals, and the application of these principles to human inheritance. Practical breeding tests with Drosophila and guinea-pigs. Discussion of recent papers bearing on these problems.

Open to students completing a twelve-hour major; to five-year Hygiene students completing a major in Zoology, and to others under certain conditions with the approval of the department. Three hours a week for the first semester. MISS MOODY.

307. RESEARCH. Elementary problems in Histology, Embryology, Invertebrate or Vertebrate Zoology, Physiology. Independent work will be required of the student under the direction of the instructor in the field chosen.

Open with the advice of the department to students who have completed or are completing a nine-hour major in Zoology. Three to six periods a week, counting one and one-half to three hours for a year, or six periods a week, counting three hours a week for a semester. For graduate students or students working for honors, three to twelve periods a week, counting three hours for a year, or six to twelve periods, counting three hours for a semester.

321. SEMINAR. Reports and discussion of current investigations in Zoology and Physiology, under the guidance of the staff, and as a part of the departmental Journal Club.

Open to graduate students and to approved seniors. One hour a week for a year. THE TEACHING STAFF.

Physiology

302. General Physiology. (Special Course for Hygiene Students. Hygiene 302.) In this course are studied the physical phenomena underlying the functions of animal organisms, such as osmosis, surface tension, cell-permeability, etc., and the part played by them in normal physiological processes. A brief survey of human histology serves as a basis for studying the application of these principles to human physiology.

Required of first-year students in the Department of Hygiene and Physical Education; also of seniors registered as five-year Hygiene students; open to those juniors registered as five-year Hygiene students who plan to elect a second course in Physiology in the Department of Zoology and Physiology. Other students take 308. If counted as part of a major in Zoology, course 302 should be preceded by course 101. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for a year.

Miss Minot, Miss Boyd.

307. Research. (See Zoology.)

308. General Physiology. This course aims (1) to study the physical phenomena underlying the functions of animal organisms and the part played by them in normal physiological processes; and (2) to obtain through this study of the physiology of the different parts or systems of the organism an understanding of its activity as a whole.

Open to students who have completed course 101, and who have completed or are taking an elementary course in Chemistry; or to students who in addition to fulfilling the Chemistry requirement have completed or are taking Zoology 203. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for a year. Miss Boyd.

309. Metabolism. (Not offered in 1925-26.) Properties and composition of living matter; nutrition; metabolism; excretion. A preliminary consideration of these processes as general properties of living matter will be followed by a more extended study of their occurrence in the normal human being. The latter part of the work will deal in detail with pregnancy, fetal life and childhood.

Open to students who have completed course 308 or 302 and Chemistry 301. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for a year.

311. Physiology of the Nervous System, Special Senses, and Glands of Internal Secretion. (Not offered in 1925-26.) A study of

the nervous and chemical control of the organism through the central nervous system, the organs of special sense and the glands of internal secretion. It includes a consideration of theories of irritability, conductivity, etc., and of the physiological basis of mental processes. A brief study of certain types of defectives will be made.

Open to students who have completed course 308 or 302. Six periods a week, in general two of lecture, discussion or quiz, and four of laboratory, counting three hours a week for a year.

321. SEMINAR. (See Zoology.)

COLLEGE EXAMINATIONS

An examination period occurs at the end of each semester. At these periods, and also during the days of the admission examinations in September, examinations for the removal of conditions and deficiencies and for advanced standing may be taken.

A student who wishes to take an examination upon a course which is not a part of her approved schedule for the year, must apply to the Dean for the requisite card of admission to the examination. The last day for receiving applications for such cards is *for the September examinations, September first; for the mid-year examinations, January first; for the June examinations, May first.*

N. B. Examinations for the removal of conditions and deficiencies excepted, no student can be admitted to examination upon a course which is not a part of her approved schedule for the year without permission both from the Chairman of the Department concerned and the Dean. *No student, therefore, should enter upon preparation for such an examination until her plan has been approved by both of the above named officers.*

☞ The College reserves the right to require the withdrawal of students whose scholarship is not satisfactory, and of those who for any other reason are regarded as not in accord with the ideals and standards which the College seeks to maintain.

EXPENSES FOR STUDENTS ENTERING IN 1926 AND THEREAFTER

TUITION

The charge for tuition to all students entering in September, 1926, or thereafter, whether living in college buildings or not, is $400 a year. Tuition is payable in advance and *is not subject to return or deduction.*

Students who are permitted to take *seven hours or less* of class room work a week, and *who do not live in college buildings,* pay tuition by the course as follows: for a one-hour course, $50; a two-hour course, $100; a three-hour course, $150. Payment is due at the beginning of the year. No charge is made for tuition in Biblical History.

RESIDENCE

The charge for residence for students entering in September, 1926, and thereafter, is $600.

☞ *A student vacating a room before the close of the year, or relinquishing a room* reserved for her at the beginning of the year, will be charged for board, until the vacancy has been filled by an incoming student, at the rate of not less than $18 a week. Any number of days

less than one week will be charged as one full week, the minimum charge being for one full week. Therefore, notice of intention to withdraw should be given at the earliest possible moment. No deduction is made for absences during the year.

FIXED TIMES AND AMOUNTS OF PAYMENTS

I. For students who room in college buildings.

Application fee *payable in advance*		$10
September (at the opening of college)		
On account of tuition	$240	
On account of board and room	300	540
February (before the beginning of the second semester)		
Balance on tuition	$150	
Balance on board and room	300	450
Total for the year		$1,000

The regular charge for board begins at the opening of dormitories.

II. For students who do not room in college buildings.

a. Students who take their meals in college buildings, but room in private houses.

Application fee *payable in advance*		$10
September (at the opening of college)		
On account of tuition	$240	
On account of board	200	440
February (before the beginning of the second semester)		
Balance on tuition	$150	
Balance on board	200	350
Total for year		$800

Such students make payments for rooms directly to the householder at such rates and times as the parties to the arrangement may agree upon. Information regarding boarding places may be obtained by addressing the Dean of Residence.

B. Students who neither board nor room in college buildings pay tuition as follows:—

Application fee *payable in advance*	$10
September (at the opening of college)	240
February (before the beginning of the second semester)	150
Total for the year	$400

Such students make payment for room and board directly to the management of the private houses in which they have secured lodging and meals, at such rates and times as the parties to the arrangement may agree upon. Information regarding boarding places may be obtained by addressing the Dean of Residence.

☞ *Payments must be made before the student can take her place in the class room. No exception will be made to this rule without a written permission from the Treasurer.*

☞ *Checks or money orders should be made payable to Wellesley College. If sent by mail, they should be addressed to the Treasurer.*

TUITION AND OTHER CHARGES IN DEPARTMENT OF MUSIC

For instruction for the college year in Pianoforte, Organ, Violin or Voice, two lessons a week $150
One lesson a week 75
(Lessons thirty minutes in length)
For use of the Pianoforte, one period daily for the college year 15
For two and three periods daily, in proportion.
For use of the Pipe Organ in Music Hall, one period daily, for the college year 20
For two or three periods daily, in proportion.

Special arrangements may be made for lessons on instruments not mentioned above.

Tuition in music is payable in advance in two equal installments, one at the beginning of each semester, and *is not subject to return or deduction.*

FEES

I. Undergraduate.

a. Application Fee.

An application fee of $10 is required from all candidates for admission, and no application is recorded until the fee is received. The same fee is required from all students in college who are intending to return for the following year, and from all former students who apply for readmission. If the student enters college, the amount of the application fee is deducted from the first tuition bill after entrance. If the application is cancelled *for any reason* the fee is forfeited to the college. A student who

postpones entrance until the year following the one for which she first applied may transfer her application fee.

b. Diploma Fee.

At the time of taking the B.A. degree or the certificate in Hygiene and Physical Education, a diploma fee of $10 is charged.

Every student should also reckon on an expenditure of $15 to $30 annually for the purchase of books.

II. Graduate.

A matriculation fee of $5 is payable when an applicant is accepted as a graduate student. The amount of this fee will be deducted from the diploma fee of $25 payable when the Master's degree is received.

☞ *No student may receive a diploma until a satisfactory settlement of all her college dues has been made.*

EXPENSES FOR STUDENTS WHO ENTERED BEFORE SEPTEMBER, 1926, AND WERE MEMBERS OF THE COLLEGE IN 1925-1926

TUITION

The charge for tuition to all students who were members of the college in 1925-26, whether living in college buildings or not, is $300 a year. Tuition is payable in advance and *is not subject to return or deduction.*

Students who are permitted to take *seven hours or less* of class room work a week, and *who do not live in college buildings*, pay tuition by the course as follows: for a one-hour course, $35; a two-hour course, $70; a three-hour course, $100. Payment is due at the beginning of the year. No charge is made for tuition in Biblical History.

RESIDENCE

The charge for residence for students who were members of the college in 1925-26 is $500.

☞ *A student vacating a room before the close of the year, or relinquishing a room* reserved for her at the beginning of the year, will be charged for board, until the vacancy has been filled by an incoming student, at the rate of not less than $15 a week. Any number of days less than one week will be charged as one full week, the minimum charge being for one full week. Therefore, notice of intention to withdraw should be given at the earliest possible moment. No deduction is made for absences during the year.

FIXED TIMES AND AMOUNTS OF PAYMENTS

I. For students who room in college buildings.

Application fee *payable in advance*		$ 10
September (at the opening of college)		
On account of tuition	$190	
On account of departmental fee	5	
On account of board and room	250	445
February (before the beginning of the second semester)		
Balance on tuition	$100	
Balance on departmental fee	5	
Balance on board and room	250	355
Total for the year		$810

The regular charge for board begins at the opening of dormitories.

II. For students who do not room in college buildings.

a. Students who take their meals in college buildings, but room in private houses.

Application fee *payable in advance*		$ 10
September (at the opening of college)		
On account of tuition	$190	
On account of departmental fee	5	
On account of board	165	360
February (before the beginning of the second semester)		
Balance on tuition	$100	
Balance on departmental fee	5	
Balance on board	160	265
Total for year		$635

Such students make payments for rooms directly to the householder at such rates and times as the parties to the arrangement may agree upon. Information regarding boarding places may be obtained by addressing the Dean of Residence.

b. Students who neither board nor room in college buildings pay tuition and departmental fee as follows:—

Application fee *payable in advance*	$ 10
September (at the opening of college)	195
February (before the beginning of the second semester)	105
Total for the year	$310

Such students make payment for room and board directly to the management of the private houses in which they have secured lodging and meals, at such rates and times as the parties to the arrangement may agree upon. Information regarding boarding places may be obtained by addressing the Dean of Residence.

☞ *Payments must be made before the student can take her place in the class room. No exception will be made to this rule without a written permission from the Treasurer.*

☞ *Checks or money orders should be made payable to Wellesley College. If sent by mail, they should be addressed to the Treasurer.*

TUITION AND OTHER CHARGES IN DEPARTMENT OF MUSIC

For instruction for the college year in Pianoforte, Organ, Violin or Voice, two lessons a week $150
One lesson a week 75
(Lessons thirty minutes in length)
For use of the Pianoforte, one period daily for the college year 15
For two and three periods daily, in proportion.
For use of the Pipe Organ in Music Hall, one period daily, for the college year 20
For two or three periods daily, in proportion.

Special arrangements may be made for lessons on instruments not mentioned above.

Tuition in music is payable in advance in two equal installments, one at the beginning of each semester, and *is not subject to return or deduction.*

FEES

1. Undergraduate.

a. Application Fee.

An application fee of $10 is required from all candidates for admission, and no application is recorded until the fee is received. The same fee is required from all students in college who are intending to return for the following year, and from all former students who apply for readmission. If the student enters college, the amount of the application fee is deducted from the first tuition bill after entrance. If the application is cancelled *for any reason* the fee is forfeited to the college. A student who postpones entrance until the year following the one for which she first applied may transfer her application fee.

b. Departmental Fee.

A fee of ten dollars will be required of students who were members of the college in 1925-26. *This fee is payable in two equal installments with the payments for board and tuition.* It supersedes the science and other small departmental fees hitherto charged, *and is not subject to refund.* Deposits to cover breakage and the use of equipment will still be required in some cases, but these deposits are repaid if there is no loss or damage to the equipment used.

c. Diploma Fee.

At the time of taking the B.A. degree or the certificate in Hygiene and Physical Education, a diploma fee of $10 is charged.

Every student should also reckon on an expenditure of $15 to $30 annually for the purchase of books.

II. Graduate.

A matriculation fee of $5 is payable when an applicant is accepted as a graduate student. The amount of this fee will be deducted from the diploma fee of $25 payable when the Master's degree is received.

☞ *No student may receive a diploma until a satisfactory settlement of all her college dues has been made.*

HALLS OF RESIDENCE

The residence halls belonging to the College and situated within the limits of the campus are Stone, Norumbega, Freeman, Wood, Fiske, Wilder, Pomeroy, Cazenove, Beebe, Shafer, Tower Court, Claflin, Crawford, Dower House, and The Homestead. Eliot, Washington, Noanett, Crofton and Little Houses, also the property of the College, and six houses leased to the College for dormitory purposes in order to meet temporary needs, are situated outside and immediately adjoining the college grounds. All these houses are under the direction of officers appointed by the College. All the rooms are furnished, and supplied with electric lights.

Applications for rooms in college buildings take the date at which the application fee is received. (See pages 18, 127 and 130.)

Until May first, but not after that date, *applications from former students* will take precedence of those of new students in the matter of rooms.

HEALTH

The Resident Physician and the Assistant Physician, together with the Director of the Department of Hygiene and Physical Education, the

Dean of Residence, and the President, the Dean of the College and the Dean of Freshmen *ex officio*, constitute a board of health to which all matters affecting the health of students are referred. Simpson Cottage is maintained as an infirmary under the charge of the Resident Physician. A neighboring cottage has recently been fitted up as an annex. Three trained nurses are in constant attendance. The privileges of the infirmary, when prescribed by the Resident Physician, are open to all students without charge for a period not exceeding seven days provided no extra service is required. There will be a charge at the rate of $2.25 a day for periods exceeding seven days. Charges for extra service will be determined by the amount required. The services of the College Physicians for consultation and treatment are free to all students.

FELLOWSHIPS AND SCHOLARSHIPS

A. For Graduates

THE ALICE FREEMAN PALMER FELLOWSHIP, yielding an income of about $1,000, was founded in 1903, by Mrs. David P. Kimball.

The holder of this Fellowship must be a graduate of Wellesley College or some other American College of approved standing, a young woman of good health, not more than twenty-six years of age at the time of her appointment, unmarried throughout the whole of her tenure, and as free as possible from other responsibilities. The same person will not be eligible to the Fellowship for more than two years.

The Fellowship may be used for study abroad, for study at any American college or university, or privately for independent research. Several times during the period of tenure the holder of the Fellowship must furnish evidence that it is used for purposes of serious study and not for general culture; and within three years from entrance on the Fellowship she must present to the faculty a thesis embodying the results of the research carried on during the period of tenure.

Applications for this Fellowship should be received by the President of Wellesley College not later than February first of the academic year preceding that for which the Fellowship is asked. These applications must be accompanied by theses or papers presenting evidence of the most advanced work of the candidates, since the Fellowship is not assigned on the basis of unsupported credentials, however commendatory.

THE HORTON-HALLOWELL FELLOWSHIP is offered by the Alumnæ Association of Wellesley College. This fellowship is in honor of Mary E. Horton, the first professor of Greek at Wellesley, and Susan M. Hallowell, the first professor of Botany at Wellesley. It is available to those holding the B.A. or M.A. degree from Wellesley College, for graduate study in candidacy for the Ph.D. degree, or for independent research of equivalent standard. The amount of the fellowship is $700, but for the

year 1925-1926 it has been increased by the Alumnae Association to $1,000.

In making application the candidate should send to the chairman of the committee on award a personal letter in which she describes fully the plan of study which she would pursue as holder of the fellowship, and her preparation for such work. The letter should be accompanied by such specimens of the written work of the candidate as may best demonstrate her ability to carry on independent study in her chosen field. Before making formal application for the fellowship the candidate should write to the committee on award for more detailed information.

Applications should be received by the Chairman of the Fellowship Committee, Alumnæ Office, Wellesley College, not later than February fifteenth of the academic year preceding that for which the fellowship is asked.

The Ruth Ingersoll Goldmark Memorial Fund was established by Mr. C. J. Goldmark in 1917 to aid deserving students doing graduate work at Wellesley College or elsewhere in English Literature or English Composition or the Classics, English Literature being given the preference. The income at present is $250.

Applications for aid from this fund should be received by the Chairman of the Department of English Literature, not later than April first of the academic year preceding that for which the aid is asked.

Research Fellowship for the Study of Orthopedics in Relation to Hygiene and Physical Education, amounting to $1000.

The general requirements to be met by applicants are as follows:—good health, the Bachelor's degree from a college or university of good standing; sound preparation in chemistry, physics, and biology; special preparation in anatomy, kinesiology and physiology; familiarity with the elements of orthopedic theory and practice; and an insight into some one or more of the problems of orthopedics as related to hygiene and physical education.

The work on the problem chosen in consultation with the department must be done in residence at Wellesley College. It will, in general, begin in the September following the acceptance of the applicant and will continue through one calendar year. It will involve kinesiology, applied physiology, and the study of clinical material. For the latter, opportunity will be provided to study the work of orthopedic surgeons in Boston and other eastern cities. The results of the investigation are to be embodied in a thesis to be submitted to the department and published.

Applications for this fellowship should be received by the Director, Department of Hygiene and Physical Education, Wellesley College, Wellesley, Mass., not later than March first of the academic year preceding that for which the fellowship is asked. The decision reached by the department will be based upon the applicant's record, upon personal correspondence, and when possible, upon personal interviews.

EIGHTEEN GRADUATE SCHOLARSHIPS TO THE ANNUAL VALUE of one year's tuition, have been established for the benefit of approved candidates for the Master's degree in residence at Wellesley. Application for one of these scholarships should be made by personal letter from the candidate to the Chairman of the Committee on Graduate Instruction, Wellesley College, and should state the applicant's reasons for desiring to do graduate work in the department chosen and her reason for applying for the scholarship.

GRADUATE STUDY IN CLASSICS:—

The American School of Classical Studies in Athens offers special opportunity for graduate study in Greek. Membership, without tuition*, is open to all graduates and graduate students of Wellesley College who have done sufficient work in Greek and Archaeology to profit by the opportunity. The object of the School is to furnish an opportunity to study in Greece the literature, art, antiquities and history of the country under suitable guidance; to prosecute and to aid original research in these subjects; and to assist in the exploration and excavation of classic sites. Three fellowships of $1000 each are awarded annually on the basis of competitive examinations and are open to graduates of the co-operating colleges of which Wellesley College is one. For further information apply to Professor Edwards.

The American School of Classical Studies in Rome is an integral part of The American Academy. The object of this School is to promote the study of classical literature in its bearing upon antiquities and history; of classical, Etruscan and Italian art and archaeology, including topography, palaeography and epigraphy, and of the art and archaeology of the early Christian, Mediaeval and Renaissance periods within the boundaries of Italy. It furnishes regular instruction and guidance in some or all of these subjects, encourages and assists in original research and exploration. Students should have the ability to read ordinary Greek and Latin prose at sight and to use French and German as instruments of research; they will find an elementary knowledge of Italian very useful. Duly qualified graduates of Wellesley College are exempt from any charge for tuition. Two Fellowships in the School of Classical Studies are offered by the Academy, one of the value of $1,000 for one year and one of the value of $1,000 a year for two years. The academic year begins on the first day of October and students are expected to report in Rome at the Academy on that day. A Summer School established in 1923 offers a programme of great value for students and teachers of the classics. For further information application may be made to Professor Walton.

SCHOLARSHIPS IN THE MARINE BIOLOGICAL LABORATORY AT WOODS HOLE.—Admission to courses at Woods Hole is upon a selective basis.

*The income of the Julia Josephine Irvine Fund makes possible the studentships in the American School of Classical Studies in Athens.

Wellesley College offers annually two scholarships to applicants who are successful candidates. This laboratory is primarily for research, but in the summer courses of instruction are offered, four in Zoology and one in Botany. The purpose of these courses is to aid in the production and training of investigators, and first consideration is given to persons who, whether graduate or undergraduate, give promise of contributing to the advancement of science. Applicants must have completed a college course in the subject in which they wish to work. The laboratory offers besides these courses of instruction, opportunity for research, either under direction or independent. In addition, there are courses of lectures on special topics and on subjects of general biological interest.

Applicants should state the character of the work to be done, whether botanical or zoological, whether courses of instruction are desired, or investigation directed. All applications should be sent to Professor Ferguson or Professor Hubbard in time to reach Wellesley College before April first. These applications will be forwarded to Woods Hole to be acted upon May fifteenth, after which date notification will be sent to the successful candidates.

The Loretto Fish Carney Memorial Fund was founded in 1920 by the alumnæ and staff of the Boston Normal School of Gymnastics and the Department of Hygiene and Physical Education of Wellesley College, the income to be awarded to a senior in the department at the discretion of the teaching staff of the department and the President of the College.

The Amy Morris Homans Scholarship Fund of $6000, presented in 1924 by the Mary Hemenway Alumnæ Association of the graduate department of Hygiene and Physical Education in honor of Miss Amy Morris Homans, pioneer and leader in physical education in the United States, to be awarded to a student in the graduate department of Hygiene and Physical Education who is in need of assistance and shows proficiency and promise.

B. For Undergraduates

The income of these scholarships is applied to the aid of meritorious undergraduate students whose personal means are insufficient for their maintenance in college.

The Wood Memorial Scholarship of $5,000, founded in 1878 by Caroline A. Wood, in memory of her husband, Caleb Wood.

The Grover Scholarship of $5,000, founded in 1878 by William O. Grover.

The Weston Scholarship of $5,000, founded in 1878 by David M. Weston.

The Northfield Seminary Scholarship of $5,000, founded in 1878.

THE PAULINE A. DURANT SCHOLARSHIP of $7,350 founded in 1880 by Mr. and Mrs. Henry F. Durant, and increased by bequest of Mrs. Durant in 1919.

THE SWEATMAN SCHOLARSHIP of $5,000, founded in 1880 by V. Clement Sweatman.

THE WALTER BAKER MEMORIAL SCHOLARSHIP, founded in 1880 by Eleanor J. W. Baker; raised to $7,000 by the will of Mrs. Baker in 1892.

THE ANNIE M. WOOD SCHOLARSHIP, founded in 1880 by Frank Wood, who maintained it by annual payments; capitalized at $10,000 in 1915 by bequest of Mr. Wood.

TWO FROST SCHOLARSHIPS, founded in 1880 by Rufus S. Frost, as follows:—

One of $1,000, the income to be given annually to some member of the graduating class designated by the Faculty.

One of $5,000, the income to be devoted annually to the aid of students.

THE UNION CHURCH SCHOLARSHIP, founded in 1880 by Mr. and Mrs. A. W. Stetson.

THE FLORENCE N. BROWN MEMORIAL SCHOLARSHIP of $5,000, founded in 1880 by Mr. and Mrs. Samuel N. Brown, Jr.

THE AUGUSTUS R. CLARK MEMORIAL SCHOLARSHIP of $5,000, founded in 1880 by Mr. and Mrs. A. N. Clark.

FOUR HARRIET FOWLE SMITH SCHOLARSHIPS, founded in 1881 by Henry Fowle Durant, in memory of his mother.

THE DURANT MEMORIAL SCHOLARSHIP of $5,000, founded in 1883 by the officers and students of Wellesley College, in honor of Henry F. Durant, the income to be appropriated annually to some student selected by the Faculty.

THE JANE TOPLIFF MEMORIAL SCHOLARSHIP of $6,000, founded in 1883 by Mrs. William S. Houghton, in memory of her mother.

THE INCOME OF A FUND of $25,000, known as the Stone Educational (Scholarship) Fund, founded in 1884 by Valeria G. Stone.

THE JENNIE L. WHITE SCHOLARSHIP of $5,000, founded in 1886 by herself.

THE MR. AND MRS. SOLOMON F. SMITH MEMORIAL SCHOLARSHIP of $200 annually, founded in 1888 by George Smith, for the tuition of students from the town of Wellesley.

THE MARGARET MCCLUNG COWAN FUND of $1,000, founded in 1888 by Rev. and Mrs. P. D. Cowan, in memory of their daughter.

THE EMMELAR SCHOLARSHIP of $5,000, founded in 1889 by the class of 1891, the income to be appropriated annually to some student selected by the Faculty.

THE SARAH J. HOUGHTON SCHOLARSHIP of $6,000, founded in 1889 by William S. Houghton, in memory of his wife.

THE EDITH BAKER MEMORIAL SCHOLARSHIP of $7,000, founded by bequest of Eleanor J. W. Baker in 1892.

THE JOSEPH N. FISKE MEMORIAL SCHOLARSHIP of $8,000, founded in 1892 by Mrs. Fiske.

THE ABBIE A. COBURN MEMORIAL SCHOLARSHIP of $2,000, founded in 1892.

THE ELIZA C. JEWETT SCHOLARSHIP of $6,000, founded in 1894; the income to be appropriated to the daughter of a clergyman, or of a home or foreign missionary, selected by the Faculty of the College.

THE ADA L. HOWARD SCHOLARSHIP of $6,000, founded in 1895.

THE HELEN DAY GOULD SCHOLARSHIP, founded in 1896 by Helen Miller Gould (Shepard), in memory of her mother; raised to $10,000 by the donor in 1901.

THE GOODWIN SCHOLARSHIP of $5,000, founded in 1897 by Hannah B. Goodwin.

THE HYDE SCHOLARSHIP of $2,000, founded in 1898 by Sarah B. Hyde.

THE BILL SCHOLARSHIP of $7,000, founded in 1898 by Charles Bill.

THE HOLBROOK SCHOLARSHIP of $3,000, founded in 1898 by Sarah J. Holbrook.

THE (SECOND) HELEN DAY GOULD SCHOLARSHIP, founded in 1899 by Helen Miller Gould (Shepard); raised to $10,000 by the donor in 1901.

THE MARY ELIZABETH GERE SCHOLARSHIP of $5,000, founded in 1899 by Mary Elizabeth Gere.

THE ANN MORTON TOWLE MEMORIAL SCHOLARSHIP FUND of $5,000, established in 1901 by bequest of George Francis Towle.

THE DANA SCHOLARSHIP of $5,000, founded in 1901 through the gift of Charles B. Dana.

THE (THIRD) HELEN DAY GOULD SCHOLARSHIP of $10,000, founded in 1901 by Helen Miller Gould (Shepard).

THE GEORGE WILLIAM TOWLE MEMORIAL SCHOLARSHIP FUND of $6,750, founded in 1901 by bequest of George Francis Towle.

THE ANNA PALEN SCHOLARSHIP of $10,000, founded in 1902.

THE ROLLINS SCHOLARSHIP of $8,000, founded in 1903 by Augusta and Hannah H. Rollins, in memory of their parents.

THE CLASS OF 1889 MEMORIAL SCHOLARSHIP of $1,000, founded in 1904 by the class, in memory of classmates who have died.

THE ELIZABETH S. FISKE SCHOLARSHIP of $5,000, founded in 1904 by bequest of Miss Fiske.

THE MAE MCELWAIN RICE MEMORIAL SCHOLARSHIP of $1,000, founded in 1905 by the class of 1902.

THE SANBORN ALUMNAE SCHOLARSHIP, founded in 1905 by Helen J. Sanborn of the class of 1884 for the benefit of daughters of alumnae; capitalized at $10,000 in 1919 by bequest of Miss Sanborn.

THE JULIA BALL THAYER SCHOLARSHIP of $2,000, founded in 1907 by bequest of Mrs. Julia Beatrice Ball Thayer of Keene, N. H.

THE ADAMS SCHOLARSHIP of $2,000, founded in 1907 by bequest of Adoniram J. Adams of Boston.

THE MCDONALD-ELLIS FUND of $500, established in 1908 by former students of the McDonald-Ellis School of Washington, D. C., in memory of the late principals of the school.

THE RANSOM SCHOLARSHIP of $1,000, founded in 1908 by bequest of Catherine Ayer Ransom.

THE EMILY P. HIDDEN SCHOLARSHIP of $2,000, founded in 1909 by bequest of Mary E. Hidden.

THE ETHEL HOWLAND FOLGER WILLIAMS MEMORIAL FUND, established in 1911 from the estate of the late Ethel Howland Folger Williams of the class of 1905, the income to be given to a sophomore at the end of the first semester at the discretion of the head of the German Department.

THE SOPHIE JEWETT MEMORIAL SCHOLARSHIP of $1,000, founded in 1911 by Elsa D. James.

THE MILDRED KEIM FUND of $10,000, founded in 1912 by Newton and Frances S. Keim, in memory of their daughter, Mildred Keim.

THE CONNECTICUT SCHOLARSHIP of $5,000, founded in 1912 by the will of Louise Frisbie.

THE ANNA S. NEWMAN MEMORIAL SCHOLARSHIP of $1,000, established in 1913 through the gift of former students.

THE MARY G. HILLMAN MATHEMATICAL (Prize) SCHOLARSHIP of $1,000, established in 1913 by Elizabeth A. Hillman, in memory of her sister.

THE CLASS OF 1893 MEMORIAL SCHOLARSHIP of $5,000, established by the class in 1913.

THE M. ELIZABETH GRAY SCHOLARSHIP of $10,000, established in 1914 by bequest of William J. Gray.

THE CORA STICKNEY HARPER SCHOLARSHIP of $2,000, established in 1915 by bequest of Mrs. Cora Stickney Harper.

THE OLIVER N., MARY C., AND MARY SHANNON SCHOLARSHIP FUND of $16,050, established in 1916 by bequest of Mary Shannon, as a permanent fund for scholarships.

THE DR. ALMA EMERSON BEALE SCHOLARSHIP FUND of $3,000, founded in 1917 by bequest of Dr. Alma E. Beale of the class of 1891; the income to be applied annually to a student of the College who intends to become either a foreign or a home missionary, or, second, to a student of the College who is the daughter of a clergyman.

THE STIMSON MATHEMATICAL SCHOLARSHIP of $100 annually, founded in 1919 by Candace C. Stimson in memory of her father, Dr. Lewis A. Stimson.

The Marie Louise Tuck Scholarship Fund of $9,500, founded in 1919 by bequest of Alice C. Tuck.

The Class of 1884 Memorial Scholarship, founded by the Class in 1919.

The Charles B. Botsford Scholarship Fund of $5,000, founded in 1920 by bequest of Lucy A. Botsford.

The Katharine Knapp Scholarship of $5,000, founded in 1920 by bequest of Miss Knapp.

The Elizabeth and Susan Cushman Scholarship Fund of $21,000, founded in 1923 by bequest of Susan L. Cushman of the class of 1891.

The Norma Liebermann Decker Scholarship of $5,000, founded (1924) in memory of Mrs. Decker by her mother, Mrs. Emma Liebermann.

These scholarships are in general not competitive. They are awarded in recognition of genuine pecuniary need and of satisfactory character, college citizenship, health, and intellectual and practical ability as tested by a year or more of life and study at Wellesley. The foundations are of varying amounts, and the income is apportioned according to need and merit as justly as possible. No scholarship yields the full amount required for both tuition and residence on the ordinary plan. Although these scholarships afford no special provision for pecuniary aid during the freshman year, any school principal or teacher having in view a candidate, thoroughly prepared for college and desirable in every respect, yet unable to enter on account of lack of means after every effort to secure funds has been made, is advised to let the case be known to the Administration of the College, since it is often possible to make some suggestion which proves to be of advantage.

A co-operative house is open to self-helping students but is not of sufficient capacity to provide for freshman applicants as well. A system of student waitresses is also in operation, and freshmen can often avail themselves of the opportunity of self-help thus afforded. A descriptive circular will be mailed on application.

The Christian Association of the College is actively engaged in bringing students into connection with work to be done for compensation within the College and in the neighborhood, but such employment, since it makes a distinct draft upon strength and time, is hardly to be advised for the freshman year.

Another source of pecuniary aid is in the work of the Students' Aid Society established by the founders of Wellesley and revived and incorporated by the alumnæ of the College in April, 1916. Distributions are made both in gifts and in loans without interest. The existing funds are not sufficient for the work in behalf of students which the Society aims to do, and contributions of any amount will be gladly received by the

treasurer, Miss Mary Caswell, Wellesley College. At the same time, the treasurer will be glad to know of any promising student ready for college yet lacking in means, since conference often avails much.

BUREAU OF OCCUPATIONS.

The Bureau of Occupations, established by the founder as the Teachers' Registry, includes in its scope at present the placement of graduates not only in teaching, but also in business positions, and the work of the Committee on Vocational Information, which arranges lectures and discussions on occupations, with the aim of giving the students some idea of the world of business and of the professions. Registration for placement is open to all who have taken courses in Wellesley College, and the seniors are invited to register during their residence at the college. The Bureau keeps careful files, collects credentials, and is the source of information concerning the vocational equipment and experience of Wellesley women. The registration fee is $2.00, for life membership. The Bureau charges no commission on salaries. The Bureau also registers undergraduates and alumnae for summer work.

EQUIPMENT

Founders Hall, a building for lecture rooms and department offices pertaining to instruction in the Liberal Arts, was opened for use in September, 1919. The hall was built from the Restoration Fund, secured for the College through trustees, faculty, alumnæ, and other friends, and replaces in some part College Hall, the first and main building of the College, destroyed by fire, March 17, 1914. The building is dedicated as a memorial to the Founders of the College, Henry Fowle Durant and his wife, Pauline Adeline Durant.

Founders Hall is the first achieved member of a group of academic buildings designed by Messrs. Day and Klauder of Philadelphia and to be completed as soon as funds allow.

The Library of the College, endowed by Eben Norton Horsford, now numbers over 100,000 bound volumes, including the departmental libraries. The books in the General Library building form a collection chosen primarily for the use of students and instructors in the college courses in Literature and Languages, History, Economics, Sociology, Philosophy, Education, Religious History and certain of the sciences. The General Library is open on week days from 8:10 A.M. to 9:30 P.M., and on Sundays from 2:30 to 5:30 P.M. Students have direct access to the shelves. The Library is catalogued by author and subject entries, and the most recent and useful bibliographical aids are provided; special effort is made to train students in methods of research.

The Library subscribes for about three hundred and eighty American and foreign periodicals, including daily newspapers representing different sections of the United States besides representative British and Continental dailies.

The Library has also many special collections of great interest and value to the student doing graduate or other research work. Among the most valuable of these are the Plimpton Collection established by Mr. George A. Plimpton in memory of his wife, Frances Pearsons Plimpton, of the class of 1884, which comprises 953 volumes of Italian books and manuscripts chiefly of the Renaissance; the Ruskin Collection, the gift of Mr. Charles E. Goodspeed; and the Collection of Early and Rare Editions of English Poetry given for the most part by Professor George Herbert Palmer.

The Brooks Memorial Room, opened in 1921, provides comfortable and beautiful surroundings with carefully selected books for leisure hours of reading.

The following collections are placed in the buildings of the respective departments:

Art Library	3193 vols.	Astronomy Library	1337 vols.
Botany Library	1351 "	Chemistry Library	1012 "
Hygiene Library	3300 "	Music Library	1529 "

Farnsworth Art Building and Art Collections.—The Farnsworth Art Building, the gift of the late Isaac D. Farnsworth, was opened in September, 1889. Besides lecture rooms, galleries for collections, and studios for drawing and painting, a special feature is the arrangement of laboratories and libraries, so that the books and art material relating to particular subjects and periods can be made immediately available to general students.

The Art Collection consists of a large number of photographs and other material, including the James Jackson Jarves collection of laces and vestments; the M. Day Kimball Memorial, consisting of original pieces of antique sculpture; a few examples of early Italian painting, including an early Sienese painting, the gift of Mrs. William H. Hill; a collection of Indian baskets, the gift of Mrs. Rufus S. Frost; various Egyptian antiquities obtained through the kindness of the late Mrs. John C. Whitin, including certain interesting papyri; and scarabs and seals from the collection of Dr. Chauncey Murch, the gift of Mrs. Helen M. Gould Shepard; two Renaissance sculptured columns, the gift of Mr. William C. Safford; the Stetson collection of modern paintings, and a few other examples. A movement has been started to develop the museum collections further, and to make the museum into a center of beauty for the College.

The collection of photographs and other reproductions numbers over sixteen thousand.

Music Hall and Billings Hall are large brick buildings, devoted to the department of Music. Music Hall contains offices, studios, and practice rooms equipped with thirty-seven new pianos of standard makes, a victrola and three player-pianos; also a large room, containing a two-manual pipe organ for the use of the organ pupils. Billings Hall, opened in 1904, contains the office of the Professor of Music, the library and class rooms for instruction in Musical Theory; also a concert room, seating four hundred and ten people, and containing the Grover organ,—a large three-manual organ, rebuilt and modernized.

The Music Library includes a collection of manuscripts, about two hundred and fifty scores (Symphony, Opera, Oratorio, and Cantata), two hundred songs, four hundred piano arrangements (two, four, and eight hands), besides nine hundred reference books on musical subjects, and ten periodicals. The department owns one hundred records for the victrola and four hundred records for the player-pianos.

Laboratories and Scientific Collections

Astronomy.—The Whitin Observatory is a one-story building of brick, faced with white marble, situated on a small hill on the college grounds, and devoted entirely to the use of the department of Astronomy. It contains two rooms surmounted by rotating domes, twenty-five feet and twelve and one-half feet in diameter respectively; two transit rooms; a spectroscopic laboratory; a large, well-lighted room for elementary laboratory work; and another large room in which is kept the department library. In the larger dome room is mounted a twelve-inch Clark equatorial refracting telescope, which is provided with a filar micrometer, a polarizing photometer, and an attachment for photographing the Moon. The smaller dome contains a six-inch Clark refractor which was recently remounted and which is provided with an electric driving clock, a filar micrometer, and an Evershed protuberance spectroscope; and which may be used as a guiding telescope for a small photographic camera. Both domes are rotated by electric motors. There are two transit instruments, the larger a Bamberg prismatic transit of three inches aperture. A four-inch telescope with objective by Browning is mounted in a south wall of the building, with the eye end inside and the optic axis parallel to the axis of the Earth; a plane mirror beneath the object-glass reflects into the latter the light of the object observed. In the spectroscopic laboratory is a Rowland concave grating spectroscope of six feet focal length. The Observatory is supplied with two Howard sidereal clocks, a Bond mean-time chronometer, and two chronographs, any of which may be connected electrically through a switchboard with keys near the various telescopes; a Berger surveyor's transit; a 60-mm. Zeiss tripod telescope; a Gaertner comparator for measuring spectrograms; a projecting lantern and about

1000 astronomical lantern slides; and a large collection of illustrative apparatus and photographs.

Observatory House, the residence of the Director of the Observatory, is near by. Both the Observatory and the house, and also the greater part of the astronomical equipment, are the gift of the late Mrs. John C. Whitin.

Botany.—The department of Botany has well-equipped laboratories and a range of modern greenhouses.

The illustrative collections comprise an herbarium of some sixty thousand sheets, including the lichen collection of the late Professor Clara E. Cummings; also a collection of woods, fruits, and economic vegetable products; four hundred charts by Henslow, Kny, Dodel, Tschirch, and others, including a number made by members of the department staff; a collection of about one hundred Auzoux and other botanical models; Brendel's glass models of cryptogams; seventeen hundred water color paintings of North American plants by Helen Frances Ayres; a large collection of lantern slides and microscopic mounts; and about five thousand museum specimens. The department has an "Outdoor Laboratory" for the use of certain courses. The greenhouses contribute to all the courses in the department, but are of especial importance in connection with the work in landscape gardening, physiology, ecology, taxonomy and genetics. The native flora about Wellesley is easily accessible, furnishing a convenient field for both the taxonomist and ecologist. The library is exceptionally well supplied with reference works and with current periodicals.

Chemistry.—The department of Chemistry occupies a separate building, which contains two lecture rooms and the chemical library, in addition to the rooms fitted up for laboratory work. Separate laboratories are provided for work in general chemistry, organic chemistry, qualitative and quantitative analysis, and food analysis. The building is conveniently arranged and well equipped with necessary apparatus and appliances.

Geology and Geography.—The department of Geology and Geography has a large and well-equipped lecture hall provided with a Leitz epidiascope for lantern slide and opaque projection, a good sized class room, and two laboratories, one for the use of geography classes, the other for work in geology.

The Geology Museum contains a typical college collection of dynamical, structural, and historical geology specimens,—a systematic collection of minerals arranged according to Dana, and a systematic collection of rocks. There are three collections arranged for class-room use,—one each in mineralogy, petrology and structural and historical geology. These collections are all the generous gifts of colleges, museums, and

friends. The department has two noteworthy collections. The first is the Horace I. Johnson Mineral Collection, which consists of five thousand valuable and beautiful mineral specimens, including many precious metals and stones. This collection is the gift of the late Mr. John Merton, and was presented through the Class of 1915 by the courtesy of Miss M. Helen Merton. The second is the Reverend David F. Pierce Collection, which includes a complete and rare collection of building and ornamental stones and many precious and semi-precious minerals. This collection is the gift of Professor Frederick E. Pierce of Yale, Miss Anna H. Pierce, and Miss Mary E. Pierce of the Class of 1898. The maps of the department include wall maps of different countries and sections of countries; all the United States Geologic Folios, and ten thousand topographic maps of the United States Geologic Survey. Five thousand of these latter maps are arranged in groups to illustrate geographic types. The department has four thousand lantern slides which illustrate all phases of geology and geography.

Hygiene and Physical Education.—The Department of Hygiene and Physical Education occupies Mary Hemenway Hall on the western border of the college grounds. It is designed to meet the requirements of the course for the training of teachers, and to provide practical instruction for the entire College. The equipment includes large, well-lighted gymnasiums with ample bathing facilities, administrative offices, class rooms, and laboratories for anatomy, physiology, bacteriology, hygiene, anthropometry, corrective exercise, and research. The department library contains 3300 volumes, a collection of valuable pamphlets, and regularly receives twenty-nine journals dealing with matters related to hygiene. Immediately adjoining Mary Hemenway Hall are tennis and archery courts, basket ball, baseball, volley ball, and hockey fields, with room for further expansion. Lake Waban furnishes facilities for rowing, swimming and skating. There is a golf course with a clubhouse. The equipment of the department is designed for the application of modern science to the maintenance and promotion of health and for education through motor activity.

Mathematics.—The department has a collection of 45 Brill-Schilling models of surfaces, chiefly of the second and third orders, beside several simple models, including some made by its members. There is a fine transit for the use of classes in Trigonometry and an adding machine, used in the classes in Statistics.

Physics.—The department of Physics occupies temporary quarters consisting of two conveniently arranged lecture rooms, fitted with direct and alternating current and gas, and laboratories for general physics, electricity, heat, and light. The equipment is thoroughly modern. The lecture apparatus is sufficient to permit a wide range of experimental lectures. In the elementary laboratory duplication of apparatus permits

a close co-ordination between lectures and laboratory exercises. The equipment for advanced laboratory work is especially strong in electrical and optical apparatus. It includes an unusual equipment for experiments in electromagnetic waves and radio communication.

Psychology.—The Laboratory is housed in a building which is located in a quiet spot and which contains fourteen rooms with good electrical connections. Two dark rooms and a workshop are included. The equipment is adequate for demonstration, for general experimental work, and for many lines of research.

Zoology.— The department of Zoology is housed in a temporary building. This building contains laboratories for the elementary course in zoology, for histology and embryology and for physiology. The courses in anatomy are conducted in the laboratories in Mary Hemenway Hall. The equipment lost in the fire of March, 1914, is being replaced as rapidly as conditions permit. The fundamental needs of the various courses have been met, and the physiology laboratory in the new wing is fully equipped with modern apparatus. The nucleus of a new museum has been formed, and additions are being made as fast as funds and the lack of adequate fire-proof space allow. A collection of New England birds, and a valuable collection of shells, the gift of Mrs. Rebecca S. Beaman, of Cambridge, are housed in a basement room of the Library.

FORMS OF BEQUEST

I give and bequeath to Wellesley College, a corporation established by law, in the town of Wellesley, county of Norfolk, and Commonwealth of Massachusetts, the sum of————dollars, to be safely invested by it, and called the————Endowment Fund. The interest shall be applied to the payment of the salaries of teachers in Wellesley College, as the Trustees shall deem expedient.

I give and bequeath to Wellesley College, a corporation established by law, in the town of Wellesley, county of Norfolk, and Commonwealth of Massachusetts, the sum of————dollars, to be appropriated by the Trustees for the benefit of the College in such manner as they shall think will be most useful.

I give and bequeath to Wellesley College, a corporation established by law, in the town of Wellesley, county of Norfolk, and Commonwealth of Massachusetts, the sum of————dollars, to be safely invested by it, and called the————Scholarship Fund. The interest of this fund shall be applied to the aid of deserving students in Wellesley College.

DEGREES CONFERRED IN 1925.

MASTER OF ARTS

Dorothy Moore Anderson (B.A., Wellesley College, 1918), *Botany.*

Ruth Anderson Calvin (B.A., Reed College, 1919) (In absentia), *Hygiene and Physical Education.*

Frances Gorham Dennett (B.A., Wellesley College, 1920), *Hygiene and Physical Education.*

Margareta Agata Faissler (B.A., Wellesley College, 1924), *History.*

Jennette Rowe Gruener (B.A., Wellesley College, 1923), *Education; Mathematics.*

Eleanor Brooks Gulick (B.A., Wellesley College, 1898), *English Literature.*

Rachael Constance Hall (B.A., Wellesley College, 1922), *Botany.*

Katherine Ingling (B.A., Wellesley College, 1922), *English Literature.*

Frances Louise Knapp (B.A., Wellesley College, 1902), *Education.*

Harriet Post Rawles (B.A. Indiana University, 1922), *Hygiene and Physical Education.*

Rachel Schreiner, (B.A. Milwaukee-Downer College, 1920), *Botany.*

Jean McDonald Tilley (B.A., De Pauw University, 1920), *English Literature.*

Emma Fuller Waterman (B. A., University of Minnesota, 1917), *Hygiene and Physical Education.*

Louise Young Wheelock (B.A., Wellesley College, 1922), *Botany; Education.*

Marie Owen Williams (B.S. Ohio State University, 1922) (In absentia), *History*

BACHELOR OF ARTS

Doris Alexander
Eleanor Gertrude Alexander
Marion Kathleen Allen
Mary Winslow Allen
Isabel Towson Alleyn
Virginia Arn
Edith Phoebe Arrowsmith
Miriam Arrowsmith
Priscilla Davis Aurelio
Sarah Nettleton Austin
Athleen Barkley
Phyllis Brooks Bartlett
Frances Greene Barton
Marcia Lael Beard
Hazel Beatrice Beerman
Virginia Dale Berkey
Mary Louise Beverstock
Helen Mandeville Bickford
Doris Adelaide Billings
Isobel Stuart Black
Margaret Grant Black
Margaret Cary Blain
Alice Shapleigh Blandy
Emily Elizabeth Bosley
Betty Harding Bowker
Ruth Boyden
Edna Elizabeth Brakeman
Agnes Louise Brandon
Alice Brewster
Evelyn Laura Brown
Mary Belle Brown
Katherine Louise Bruce
Sarah Conger Buchan
Fredericka Lucile Bump
Mildred Burnett
Helen Frances Burrows
Virginia Cook Ter Bush
Chaille Margaret Cage
Virginia Bell Caldwell
Dorothy Jean Capers
Constance Carpenter
Sarah Carr
Ines Virginia Catron
Susan Cardwell Caveny
Helen Sophie Chandonnet
Isabel Howard Chapman
Sylvia Chapman
Dorothy Allen Chase
Sarah Bird Christie
Mary Grace Coates
Mary Code
Florence Louise Codman
Mildred Cohen
Irene Weber Cole
Margaret Ellen Collins
Esther Louise Colvert
Vora Purdy Conant
Katherine Craighead Cook

PRISCILLA PARSONS COWPER
ELIZABETH JOYCE CRATSLEY
IDA SONNTAG CRAVEN
ELEANOR DABOLL
LOVINA GOLDTHWAITE DAMON
RUTH LOUISE DANGLER
ROSE DOROTHY DAVID
LORETTA ANN DAVIS
DOROTHY DE COSTER
MARGARET LOUISE DELANO
ALICE SCARBURGH DODGE
MARGARET BAKER DOUGHTY
VIRGINIA DOWNING
ELINOR DROUET
JENNIE ESTELLE DUBBS
HOPE DUESBURY
EDNA ELLA DUGE
MARION DWINELL
ELIZABETH EMILY DYER
ANNA RUTH EAGLESFIELD
KATE VAN ANTWERP EASTON
FLOMA EDGE
HARRIET EDGELL
ISABEL EMILY EDSON
ADA ISABELLA EDWARDS
FRANCES LORETTA EDWARDS
MARY SANBORN ELIASON
RUTH EMERY
ESTHER LILLIAN EVERETT
MARJORIE LUIKART FAIN
MARGARET EPES FINCKE
GLADYS RUTH FLEISCHMANN
KATHERINE BOZEMAN FLETCHALL
LUCILE PERSIS FLETCHER
HELEN SEAWARD FORKNALL
MILDRED SYLVIA FRANK
MANDELIENE LATIMER FRANKS
EVA FREEMAN
VICTORIA ELIZABETH FREEMAN
LOUISE MYERS FREUND
GRACE MARIAN FRICK
MARY LOUISE GARDNER
ELEANOR GARSON
JANET FULLER GIDDINGS
GLADYS GOLDFINGER
MARGARET WILSON GOLDING
EDITH RUSSELL GOODWIN
ELIZABETH GOODYKOONTZ
MARGARET GREEN
MARION EMELINE GREENE
ANNA LOUISE GREIL
SUE KATHRYN GRIFFIN
LORRAINE HADESTY
DOROTHY MASON HALL
ISABEL KINGSBURY HALL
CHARLOTTE HAMBLEN
VIRGINIA CLAY HAMILTON
JULIA BOWLES HAMMATT
MARGARET HOOD HANNAH
KATHERINE WELSH HARBISON
INA ISOLA HARDS
DOROTHY GLADDEN HARRIS
MARGARET ANNA HARRIS
VIRGINIA HARTWELL HEARDING
JANICE BABET HELLMAN
FLORENCE MINNIE HELWIG
KATHARINE BREWSTER HEMPSTEAD
GRACE LUCILLE HERBERICH
MIRIAM EVANS HERSTEIN
FANNY HEYL
KATHARINE HILLS
BEATRICE FULD HIRSCH
LOUISE PHILLIPS HOLDEN
DOROTHY SPENCER HORTON
EVELYN HOUGEN
MARY MCCREA HOUSTON
MARY ELIZABETH HOWARD
DOROTHY KELLOGG HOWERTON
MARY PRESBARY HOXIE
JENNIE PHYLLIS HULL
ELEANOR HUNTER
VARINA HUNTER
MARY ISABEL HUTCHESON
DOROTHY FRIZELL HYDE
FRANCES LILLIAN ILG
HELEN STUART IRELAND
HELEN FAY JACKSON
JULIA WILLIAMS JAMES
RUTH ELIZABETH JEFFREY
MABEL BERNICE JOHNSON
JUNE HANNAH JOHNSTON
GWENDOLEN SCHLAEGEL JONES
HELEN LOUISE JONES
MARTHA CATHERINE JONES
FRANCES STACY KEELY
ELEANOR PEARSALL KELLY
JESS KELLY
MARY CAMERON KENNEDY
RUTH WESTON KENT
WINIFRED JANETTE KITTREDGE
MARION JUDITH KLEIN
DOROTHY ELIZABETH KLOPP
HELEN ELIZABETH KNAPP
DOROTHY KNIGHT
KATHERINE HILL KNIGHT
MILDRED LINCOLN KOEHLER
CHI-LIANG KWEI
MILDRED LARIMER
MAY HARRIET LAUDENSLAGER
LUCILE LAUGHLIN
MARJORIE LAUGHLIN
EDNA ELIZABETH LEMONDS
MARION THELMA LESTER
BEATRICE JEWEL LEVINE
FRANCES LEWIS
OLIVE GRAHAM LEWIS
RUTH LIBBEY
LILITH CAROLYN LIDSEEN
EUNICE ANN LLOYD
MARY LEWIS LOTHROP
RUTH DUDLEY LOVEJOY
LEONORE LOWENSTEIN
MILDRED ADAMS LUCEY
ELEANOR LUDINGTON
JOSEPHINE MCALEXANDER
MARY IRENE MCCAFFREY
MARJORIE ALEXA MCCOLL
SARETTA BLANCHE MCCREA
KATHRYN RUTH MCCRILLIS
GERTRUDE ELINORE MCDIARMID

Sarah Elizabeth McDougall
Gertrude Eugenia McIntyre
Effie MacKinnon
Helen Emily Mahley
Evelyn Brower Man
Hilda Hayes Marcy
Flora Eleanor Marsh
Mary Isabell Marshall
Elizabeth Curtiss Martin
Martha Lillian Maxwell
Martha Davies Maynard
Margaret Laramy Meaker
Ruth Vernum Memory
Mary Agnes Mevay
Elizabeth Miles
Charlotte Briggs Miller
Dorothy Arms Miller
Mildred Pauline Miller
Ruth Miller
Frances Eleanor Milton
Dorothy Monte-Santo
Marion Montgomery
Charlotte Saint John Morris
Mabel Morrison
Elizabeth Viella Moulton
Lida Alvia Mueller
Margaret Gertrude Mullen
Jane Elizabeth Murray
Mary Newman Nachtmann
Mary Bryant Nash
Marjorie Eleanor Nevins
Caroline Elizabeth Nissly
Olive Rosalie Nord
Kathryn Marie Northup
Anna Okeson
Mary Elizabeth Osborne
Louise Marie Owen
Mary Ellen Pangle
Marian Parker
Alice Harriet Parsons
Beatrice Annetta Patterson
Harriet Agnes Patterson
Esther Cederwall Paulson
Susanna Hart Paxton
Marjorie Irene Pedersen
Dell Pendergast
Carol Parker Perrin
Virginia Pettee
Ruth Elizabeth Pinkus
Marion Leslie Pitcher
Helen Satterlee Quigley
Dorothy Elizabeth Rathbun
Edith Rees
Frances Hoge Reese
Elizabeth Hannah Reeves
Vivienne Reinhart
Ruth Gene Remien
Eunice Chase Resor
Edith Anne Richardson
Helen McMurtrie Rickert
Doris Mae Ripple
Evelyn Carol Roat
Jean Kathryn Robertson
Janet Robinson
Mary Louise Robinson
Priscilla Allan Robinson
Frances Edgar Rosenthal
Ruth Rosenwald
Rachel Louise Rothenburger
Else Dorothy Ruprecht
Harriette Sammis
Elizabeth Lowell Sarles
Mary Louise Scheidenhelm
Catherine Mackintosh Schick
Ruth Elizabeth Schumacher
Dorothy Spencer Schutte
Rose Marguerite Schwiers
Janet Scott
Jeanne Tayloe Sears
Miriam White Sears
Margaret Grant Seaver
Helen Cranston Secrist
Emily Louise Seiter
Doni Sturm Selligman
Sarah Scott Shannon
Dorothy Shaw
Kathryn Shea
Helen Shearman
Elizabeth Shears
Elizabeth Caroline Shields
Elisabeth Shirley
Katharine Dell Shivers
Elizabeth Brewster Sims
Margaret Van Leer Skinner
Alice Louise Smith
Elizabeth Linda Smith
Marion Smith
Mildred Smith
Rosalind Helen Sperber
Alma Cochran Sprecher
Agnes Dodge Squier
Helen George Stearly
Margery Simonds Steele
Beverly Randolph Stephens II
Virginia Stewart
Marjorie Stiles
Elizabeth Stillman
Helen Stilson
Theodora Stone
Helen Bartholomew Strong
Susanne Sullivan
Margaret Susan Swisher
Eleanore Taulane
Elizabeth Lodor Teter
Augusta Snow Thomas
Elizabeth Thompson
Henrietta Thompson
Roberta Webster Todd
Evelene Marion Towle
Hazel Jones Trefts
Charlotte Wood Truman
Louise Tuers
Elizabeth Avis Tulloch
Selma Adele Ullman
Frances Maas Ullmann
Elizabeth Pine Van Gelder
Kathleen Vilas
Dorothy Lynde Wadhams
Abbe Janet Wallace
Eleanor Hamilton Wallace

KATHERINE WALLACE
KATHARINE JULIA WANGNER
MARTHA MONTAGUE WATERHOUSE
ELIZABETH BOYD WATSON
ANN BLAKELEY WATT
ANNA YARNALL WEEKS
MARION OLA WEIS
RUTH HARRIET WELCH
MILDRED BEATRICE WETTEN
JANET WHITE
KATHARINE CALEF WHITE
MARION THEODORA WHITE
VIRGINIA WHITE
IMOGEN CHARLOTTE WHITMAN
CAROLYN LOUISE WHITTEMORE
ELOISE WILLIAMS
MARGARET CORNELIA WILLIAMS
MARY FLORENCE WILLIAMS
HELEN CECILIA WILLIS
VIRGINIA SMITH WILLIS
DOROTHY GROVES WILSON
MARION SUSAN WILSON
MARY ELEANOR WILSON
ANNA ROSALIND WOLFSON
KUO-SIEU WONG
ALICE ELIZABETH KINGSBURY WOOD
CAROLYN WOODS
MARGARET PERSCILLA WRIGHT
WINIFRED WRIGHT
FLORENCE SPIEGEL WYLE
CHARLOTTE ELIZABETH YOUNG
DOROTHY MAY ZELL
NATALIE MEDORA ZUBER

CERTIFICATES IN HYGIENE AND PHYSICAL EDUCATION AWARDED IN 1925

ONEIDA ELIZABETH BASS,
B.A., Tennessee College
RUTH BAUN,
B.A., College of the Pacific
CORNELIA ALLENE BEALL,
B.A., Wellesley College
HELEN LOUISE BIDWELL,
B.A., Wellesley College
KATHERINE ELIZABETH COLTON,
B.A., Women's College in Brown University
MARYLYN EMOND,
B.S., Syracuse University
CORINTHIA ANNIS HALL,
B.A., Wellesley College
REBECCA HILDEGARDE JACOB,
B.A., Wellesley College
KATHERINE HUNT JONES,
B.A., Bates College
KATHARINE WINTHROP KNAEBEL
B.A., Wellesley College
CYNTHIA MARIA LAMB,
B.A., Wellesley College
PAULINE LEONARD LANE,
B.A., Wellesley College
HELEN MARGARET LEA,
B. A., Ohio State University
MARY MARGUERITE MCGOWEN,
B.A., University of Colorado
EMILY ABBIE PERRY,
B.A., University of Oregon
MARGARET AMANDA SHAW,
B.A., University of Colorado
CATHERINE CAROLINE SNELL,
B.S., Rockford College
DORTHEA SORENSON,
B.A., State College of Washington
MIRIAM MARGUERITE WAGNER,
B.A., Beloit College
GRACE VUNG-TSIEU ZIA,
B.A., Wellesley College

HONORS IN SUBJECTS

PHYLLIS BROOKS BARTLETT

Romanticism in the Third Quarter of the Eighteenth Century

VICTORIA ELIZABETH FREEMAN

The Mendicant in Literature and Fact in the Thirteenth and Fourteenth Centuries

EFFIE MAC KINNON

Wordsworth's Approaches to Reality

MARGERY SIMONDS STEELE

The Loan Policy of Commercial Banks

HONOR SCHOLARSHIPS

Honor Scholarships (without stipend) have been established by the College for the purpose of giving recognition to a high degree of excellence in academic work. These honors fall into two classes: students in the first, or higher class, are termed Durant Scholars; students in the second class are termed Wellesley College Scholars.

These honors are awarded to seniors on the basis of two and one-half years' work, to juniors on the basis of one and one-half years' work. The standard in each case is absolute, not competitive.

DURANT SCHOLARS

Appointed in 1925

Hannah Mabel Adams, '26
Dorothy Bruce, '26
Mary Turner Butler, '26
Alice Mayo Carter, '26
Elizabeth Carter, '26
Marion Hovey Carter, '26
Ines Virginia Catron, '25
Katherine Robinson Conant, '26
Ida Sonntag Craven, '25
Rose Dorothy David, '25
Katherine Drake, '26
Constance Starr Gilbert, '26
Nina Marie Hammond, '26
Gwendolen Schlaegel Jones, '25
Dorothy Knight, '25
Chi-Liang Kwei, '25
Helen Emily Mahley, '25
Evelyn Brower Man, '25
Mary Isabell Marshall, '25
Margaret Laramy Meaker, '25
Marjorie Clara Meehan, '26
Ruth Vernum Memory, '25
Elizabeth Miles, '25
Emily Lilian Amabel North, '26
Margaret Overington, '26
Ruth Reinhart, '26
Mary Wood Rittenhouse, '26
Evelyn Carol Roat, '25
Janet Robinson, '25
Edith Hale Tarbell, '26
Alice Elizabeth Kingsbury Wood, '25
Margaret Perscilla Wright, '25
Winifred Wright, '25

WELLESLEY COLLEGE SCHOLARS

Appointed in 1925

Doris Alexander, '25
Mary Winslow Allen, '25
Dorothy Emma Arnold, '26
Constance Bailey, '26
Phyllis Brooks Bartlett, '25
Harriette Tatnall Bellah, '26
Constance Bishop, '26
Lilian Adele Boker, '26
Gizella Frances Bokor, '26
Lorna Conwell Brown, '26
Marian Viola Brown, '26
Sarah Conger Buchan, '25
Chaille Margaret Cage, '25
Sarah Carr, '25
Clara Louise Carstens, '26
Rebecca Chalmers, '26
Alice Knoche Cobb, '26
Florence Louise Codman, '25
Katherine Craighead Cook, '25
Elizabeth Joyce Cratsley, '25
Ruth Louise Dangler, '25
Charlotte Foresman Denny, '26
Grace Raymond Dickinson, '26
Elizabeth Nichols Donovan, '26
Edna Ella Duge, '25
Elizabeth Woodruff East, '26
Floma Edge, '25
Harriet Edgell, '25
Margaret Epes Fincke, '25
Winifred Elizabeth Fletcher, '26
Helen Seaward Forknall, '25
Eva Freeman, '25
Victoria Elizabeth Freeman, '25
Grace Marian Frick, '25
Eleanor Garson, '25
Marion Emeline Greene, '25
Harriet Dorothy Haggerson, '26
Virginia Clay Hamilton, '25
Dorothy Hammond, '26
Virginia Hartwell Hearding, '25
Dorothy Frizell Hyde, '25
Helen Fay Jackson, '25
Julia Williams James, '25
Ruth Elizabeth Jeffrey, '25
Helen Warrington Jones, '26
Martha Catherine Jones, '25

RUTH WESTON KENT, '25
WINIFRED JANETTE KITTREDGE, '25
MARION JUDITH KLEIN, '25
KATHERINE HILL KNIGHT, '25
MARGARET LANE, '26
MILDRED LARIMER, '25
LILITH CAROLYN LIDSEEN, '25
ELEANOR LUDINGTON, '25
EFFIE MACKINNON, '25
HILDA HAYES MARCY, '25
FLORA ELEANOR MARSH, '25
KATHARINE MARSH, '26
ELIZABETH LOUISE MAXON, '26
CLARA ANTOINETTE MEAD, '26
CONTENT MINER, '26
HELEN ISABEL MINER, '26
JULIA STODEL OLDER, '26
ALICE HARRIET PARSONS, '25
HARRIET AGNES PATTERSON, '25
ALTHEA JULIA PEASE, '26
CAROL PARKER PERRIN, '25
VIRGINIA PETTEE, '25
MARION LESLIE PITCHER, '25
RUTH BROWNELL PRESCOTT, '26
PRISCILLA ALLAN ROBINSON, '25
FRANCES EDGAR ROSENTHAL, '25
ALICE SACHS, '26
MARIAM GRACE SCHAUB, '26
MARY LOUISE SCHEIDENHELM, '25
ROSE MARGUERITE SCHWIERS, '25
JANET SCOTT, '25
HELEN CRANSTON SECRIST, '25
EMILY LOUISE SEITER, '25
MARGARET CLIFFORD SHAY, '26
HELEN ELIZABETH SMITH, '26
MILDRED SMITH, '25
ALMA COCHRAN SPRECHER, '25
AGNES DODGE SQUIER, '25
MARGERY SIMONDS STEELE, '25
HELEN STILSON, '25
ELEANORE TAULANE, '25
ELIZABETH LODOR TETER, '25
FRANCES KATHERINE TRACY, '26
ELIZABETH AVIS TULLOCH, '25
WINIFRED LOUISE WARREN, '25
JANET BLANCHE WATTLES, '26
ELIZABETH BOYD WATSON, '25
JANET WHITE, '25
WILIFRED MORRIS WHITE, '26
HELEN CECILIA WILLIS, '25
MARGARET CARROLL WOOD, '26

SUMMARY OF STUDENTS

Resident candidates for the M.A. degree		43
Resident candidates for the Certificate of Hygiene		36
Candidates for the B.A. degree:—		
Seniors	334	
Juniors	342	
Sophomores	361	
Freshmen	456	
Unclassified	27	
		1,520
Non-candidates for degrees		5
		1,604
Duplicates		5
Total registration, November, 1925		1,599

United States:—		Ohio	102
Alabama	9	Oklahoma	6
Arizona	2	Oregon	6
Arkansas	3	Panama Canal Zone	1
California	8	Pennsylvania	158
Colorado	6	Porto Rico	3
Connecticut	74	Rhode Island	23
Delaware	4	South Carolina	2
District of Columbia	17	Tennessee	10
Florida	2	Texas	20
Georgia	8	Vermont	14
Hawaii	4	Virginia	14
Illinois	73	Washington	2
Indiana	16	West Virginia	7
Iowa	11	Wisconsin	13
Kansas	5	Other Countries:—	
Kentucky	20	Canada	3
Louisiana	4	Central America	1
Maine	26	China	5
Maryland	11	France	1
Massachusetts	307	Germany	1
Michigan	30	Greece	1
Minnesota	10	Hungary	1
Missouri	18	India	1
Montana	3	Ireland	1
Nebraska	7	Italy	1
New Hampshire	19	Japan	4
New Jersey	143	Mexico	1
New Mexico	1	Russia	2
New York	345	Turkey	2
North Carolina	7		

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